

# FREQUENCY CONVERTER PUMP



They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and are economical, these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



HIGH-RISE BUILDINGS



INDUSTRY



MUNICIPAL

## Application

They are recommended for pumping clean water and liquids that are chemically non aggressive for the materials of which the pumps are made. Due to their Reliability, compact, economy and ease to use, they are particularly suitable for domestic and industrial applications such as water supply for recirculation in air conditioners and refrigerators, garden watering, water suction from tanks or wells down to 9 meter depth. The pump is equipped with a check valve on the suction side so that no foot valve is required. The pumps must be installed in enclosed places.



## CONTROL



H03



H04

## FREQUENCY CONVERTER PUMP



CB-CHL

H05



CBB-CHL

H06



CB-CHI

H07

## FREQUENCY CONVERTER PUMP



GPS

H08



GPI

H09



GPL

H09

## PRESSURE BOOSTER SYSTEM



CB-CDL(F)

H10



CB-GTD

H15



CBE-CDL(F)

H18



CBF-CDL(F)

H29



CBS-CDL(F)

H38



HIPM

H43



HPE-CDL(F)-N

H44



CBE-2-CH(L/J/T)

H50



CBE-2-2CP

H54



CBE-2-GF-N

H55



Installation And Use

The Grandfar controller has high quality, multi-functional, low noise and strong commonality etc.characteristics. This series of controller can ensure great reliability and efficiency. The controller can start and stop the water pump automatically according to pressure setting. Stop the pump in the case of water shortage. After power cut off, restart the pump automatically when the power on. Due to its reliability and flexibility, this controller is suitable for hotels, apartment, residential community area, high- rise building, orchard, office, water treatment equipment etc.

FEATURES

- Sleep Function: No water consumption pump decelerates to the down limit and after a detection then sleep down. Until the pressure below settings, master pump wake up automatically.
- Restart after Power on: Power off during running, it restarts when power on again.
- Terminal Run/ Stop: Can be connected to external switch from terminal. When switch on, pump run and maintain a setting constant pressure; When switch off,pump stopped.
- Simple installation and no required maintenance
- Electrical fault protection: When there is an over current, over voltage, under voltage, phase loss, over load etc, the Controller will stop automatically.

| Picture                                                                           | Model    | Single-phase Input Voltage | Three-phase Output Voltage | Power |    |
|-----------------------------------------------------------------------------------|----------|----------------------------|----------------------------|-------|----|
|                                                                                   |          |                            |                            | kW    | HP |
|  | GMCU-01D | 220V 50/60Hz               | 0~220V                     | 0.75  | 1  |
|                                                                                   | GECU-01D | 220V 50/60Hz               | 0~220V                     | 0.75  | 1  |
|                                                                                   | GECU-02D | 220V 50/60Hz               | 0~220V                     | 1.5   | 2  |
|                                                                                   | GECU-03D | 220V 50/60Hz               | 0~220V                     | 2.2   | 3  |

| Picture                                                                            | Model    | Single-phase Input Voltage | Three-phase Output Voltage | Power |    |
|------------------------------------------------------------------------------------|----------|----------------------------|----------------------------|-------|----|
|                                                                                    |          |                            |                            | kW    | HP |
|  | GBCU-01D | 220V 50/60Hz               | 0~220V                     | 0.75  | 1  |
|                                                                                    | GBCU-02D | 220V 50/60Hz               | 0~220V                     | 1.5   | 2  |
|                                                                                    | GBCU-03D | 220V 50/60Hz               | 0~220V                     | 2.2   | 3  |
|                                                                                    | GBCU-05D | 220V 50/60Hz               | 0~220V                     | 3.7   | 5  |
|                                                                                    | GBCU-07D | 220V 50/60Hz               | 0~220V                     | 5.5   | 7  |

| Picture                                                                                                     | Model    | Three-phase Input Voltage | Three-phase Output Voltage | Power |     |
|-------------------------------------------------------------------------------------------------------------|----------|---------------------------|----------------------------|-------|-----|
|                                                                                                             |          |                           |                            | kW    | HP  |
| <br>Frequency conversion | GBCU-01  | 380V 50/60Hz              | 0~380V                     | 0.75  | 1   |
|                                                                                                             | GBCU-02  | 380V 50/60Hz              | 0~380V                     | 1.5   | 2   |
|                                                                                                             | GBCU-03  | 380V 50/60Hz              | 0~380V                     | 2.2   | 3   |
|                                                                                                             | GBCU-05  | 380V 50/60Hz              | 0~380V                     | 4     | 5   |
|                                                                                                             | GBCU-07  | 380V 50/60Hz              | 0~380V                     | 5.5   | 7   |
|                                                                                                             | GBCU-10  | 380V 50/60Hz              | 0~380V                     | 7.5   | 10  |
|                                                                                                             | GBCU-15  | 380V 50/60Hz              | 0~380V                     | 11    | 15  |
|                                                                                                             | GBCU-20  | 380V 50/60Hz              | 0~380V                     | 15    | 20  |
|                                                                                                             | GBCU-25  | 380V 50/60Hz              | 0~380V                     | 18.5  | 25  |
|                                                                                                             | GBCU-30  | 380V 50/60Hz              | 0~380V                     | 22    | 30  |
|                                                                                                             | GBCU-40  | 380V 50/60Hz              | 0~380V                     | 30    | 40  |
|                                                                                                             | GBCU-50  | 380V 50/60Hz              | 0~380V                     | 37    | 50  |
|                                                                                                             | GBCU-60  | 380V 50/60Hz              | 0~380V                     | 45    | 60  |
|                                                                                                             | GBCU-75  | 380V 50/60Hz              | 0~380V                     | 55    | 75  |
|                                                                                                             | GBCU-100 | 380V 50/60Hz              | 0~380V                     | 75    | 100 |
|                                                                                                             | GBCU-125 | 380V 50/60Hz              | 0~380V                     | 90    | 125 |



| Picture                                                                                                     | Model    | Single-phase Input Voltage | Three-phase Output Voltage | Power |    |
|-------------------------------------------------------------------------------------------------------------|----------|----------------------------|----------------------------|-------|----|
|                                                                                                             |          |                            |                            | kW    | HP |
| <br>Frequency conversion | GSCU-01D | 220V 50/60Hz               | 0~220V                     | 0.75  | 1  |
|                                                                                                             | GSCU-02D | 220V 50/60Hz               | 0~220V                     | 1.5   | 2  |
|                                                                                                             | GSCU-03D | 220V 50/60Hz               | 0~220V                     | 2.2   | 3  |
|                                                                                                             | GSCU-05D | 220V 50/60Hz               | 0~220V                     | 3.7   | 5  |
|                                                                                                             | GSCU-07D | 220V 50/60Hz               | 0~220V                     | 5.5   | 7  |
|                                                                                                             | Model    | Three-phase Input Voltage  | Three-phase Output Voltage | Power |    |
|                                                                                                             |          |                            |                            | kW    | HP |
|                                                                                                             | GSCU-01  | 380V 50/60Hz               | 0~380V                     | 0.75  | 1  |
|                                                                                                             | GSCU-02  | 380V 50/60Hz               | 0~380V                     | 1.5   | 2  |
|                                                                                                             | GSCU-03  | 380V 50/60Hz               | 0~380V                     | 2.2   | 3  |
|                                                                                                             | GSCU-05  | 380V 50/60Hz               | 0~380V                     | 4     | 5  |
|                                                                                                             | GSCU-07  | 380V 50/60Hz               | 0~380V                     | 5.5   | 7  |
|                                                                                                             | GSCU-10  | 380V 50/60Hz               | 0~380V                     | 7.5   | 10 |
|                                                                                                             | GSCU-15  | 380V 50/60Hz               | 0~380V                     | 11    | 15 |
|                                                                                                             | GSCU-20  | 380V 50/60Hz               | 0~380V                     | 15    | 20 |

| Picture                                                                                               | Model    | Input Voltage    | Three-phase Output Voltage | Power |     |
|-------------------------------------------------------------------------------------------------------|----------|------------------|----------------------------|-------|-----|
|                                                                                                       |          |                  |                            | kW    | HP  |
| <br>Solar energy | GBSL-01D | DC Input 220-370 | 220                        | 0.75  | 1   |
|                                                                                                       | GBSL-02D | DC Input 220-370 | 220                        | 1.5   | 2   |
|                                                                                                       | GBSL-03D | DC Input 220-370 | 220                        | 2.2   | 3   |
|                                                                                                       | GBSL-01  | DC Input 420-720 | 380                        | 0.75  | 1   |
|                                                                                                       | GBSL-02  | DC Input 420-720 | 380                        | 1.5   | 2   |
|                                                                                                       | GBSL-03  | DC Input 420-720 | 380                        | 2.2   | 3   |
|                                                                                                       | GBSL-05  | DC Input 420-720 | 380                        | 4     | 5   |
|                                                                                                       | GBSL-07  | DC Input 420-720 | 380                        | 5.5   | 7   |
|                                                                                                       | GBSL-10  | DC Input 420-720 | 380                        | 7.5   | 10  |
|                                                                                                       | GBSL-15  | DC Input 420-720 | 380                        | 11    | 15  |
|                                                                                                       | GBSL-20  | DC Input 420-720 | 380                        | 15    | 20  |
|                                                                                                       | GBSL-25  | DC Input 420-720 | 380                        | 18.5  | 25  |
|                                                                                                       | GBSL-30  | DC Input 420-720 | 380                        | 22    | 30  |
|                                                                                                       | GBSL-40  | DC Input 420-720 | 380                        | 30    | 40  |
|                                                                                                       | GBSL-50  | DC Input 420-720 | 380                        | 37    | 50  |
|                                                                                                       | GBSL-60  | DC Input 420-720 | 380                        | 45    | 60  |
|                                                                                                       | GBSL-75  | DC Input 420-720 | 380                        | 55    | 75  |
|                                                                                                       | GBSL-100 | DC Input 420-720 | 380                        | 75    | 100 |
|                                                                                                       | GBSL-120 | DC Input 420-720 | 380                        | 90    | 120 |



**Installation And Use**

This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to **466.67L/min (28 m³/h)**      Head up to **69 m**

**Application Limits**

Liquid temperature: 0℃ ~ +60℃  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

**Applications**

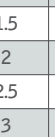
Pressure boosting  
Drinking water distribution

**USES**

Clean water and chemically non- aggressive liquids.  
Water supply:pressure boosting school, hotel, sauna room, garden irrigation, etc.

**\*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz**  
**\*: 3kW pump and above powered by 3~380V 50/60Hz**

| Model         | Power |      | Max head<br>m | Max.flow<br>m³/h | Size<br>Inch | N/W<br>kg | Q (m³/h)<br>Q (L/min)                                                               | 0  | 1    | 2    | 3  | 4    | 6    | 8     | 10    | 12   | 14    | 16    | 24  |   |
|---------------|-------|------|---------------|------------------|--------------|-----------|-------------------------------------------------------------------------------------|----|------|------|----|------|------|-------|-------|------|-------|-------|-----|---|
|               | kW    | HP   |               |                  |              |           |                                                                                     | 0  | 16.7 | 33.3 | 50 | 66.7 | 100  | 133.3 | 166.7 | 200  | 233.3 | 266.7 | 400 |   |
| CB-CHL2-20    | 0.37  | 0.55 | 20            | 3.5              | 1.25"x1"     | 10.5      |  | 20 | 18   | 14   | 11 | /    | /    | /     | /     | /    | /     | /     | /   |   |
| CB-CHL2-30    | 0.37  | 0.55 | 28            | 3.5              |              | 10.8      |                                                                                     | 28 | 27   | 21   | 17 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CB-CHL2-40    | 0.55  | 0.75 | 38            | 3.5              |              | 12        |                                                                                     | 38 | 35   | 28   | 23 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CB-CHL2-50    | 0.55  | 0.75 | 48            | 3.5              |              | 12.4      |                                                                                     | 48 | 43   | 35   | 28 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CB-CHL2-60    | 0.75  | 1    | 56            | 3.5              |              | 13.6      |                                                                                     | 56 | 50   | 42   | 32 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CB-CHL4-20    | 0.55  | 0.75 | 20            | 7                | 1.25"x1"     | 11.4      |                                                                                     | 20 | /    | 18   | 16 | 15   | 10   | /     | /     | /    | /     | /     | /   | / |
| CB-CHL4-30    | 0.75  | 1    | 28            | 7                |              | 11.5      |                                                                                     | 28 | /    | 27   | 25 | 22   | 15   | /     | /     | /    | /     | /     | /   | / |
| CB-CHL4-40    | 0.75  | 1    | 38            | 7                |              | 14        |                                                                                     | 38 | /    | 36   | 33 | 30   | 20   | /     | /     | /    | /     | /     | /   | / |
| CB-CHL4-50    | 1     | 1.35 | 48            | 7                |              | 14        |                                                                                     | 48 | /    | 44   | 41 | 38   | 26   | /     | /     | /    | /     | /     | /   | / |
| CB-CHL4-60    | 1.1   | 1.5  | 58            | 7                |              | 15.6      |                                                                                     | 58 | /    | 53   | 50 | 45   | 33   | /     | /     | /    | /     | /     | /   | / |
| CB-CHL8-10S   | 0.55  | 0.75 | 17            | 10               | 1.5"x1.5"    | 12.8      |                                                                                     | 17 | /    | /    | /  | 15   | 13   | 12    | 8     | /    | /     | /     | /   | / |
| CB-CHL8-15S   | 0.75  | 1    | 28            | 10               |              | 14.3      |                                                                                     | 28 | /    | /    | /  | 25   | 22   | 20    | 12    | /    | /     | /     | /   | / |
| CB-CHL8-20S   | 1     | 1.5  | 34            | 10               |              | 15.4      |                                                                                     | 34 | /    | /    | /  | 32   | 27   | 24    | 17    | /    | /     | /     | /   | / |
| CB-CHL8-25S   | 1.5   | 2    | 49            | 10               |              | 19        |                                                                                     | 49 | /    | /    | /  | 43   | 38   | 27    | 20    | /    | /     | /     | /   | / |
| CB-CHL8-30S   | 1.85  | 2.5  | 56            | 10               |              | 20.5      |                                                                                     | 56 | /    | /    | /  | 50   | 44   | 36    | 26    | /    | /     | /     | /   | / |
| CB-CHL8-35S   | 2.2   | 3    | 62            | 10               |              | 21.2      |                                                                                     | 62 | /    | /    | /  | 56   | 48   | 43    | 28    | /    | /     | /     | /   | / |
| CB-CHL8-40S   | 2.2   | 3    | 69            | 10               |              | 21.5      |                                                                                     | 69 | /    | /    | /  | 65   | 57   | 48    | 34    | /    | /     | /     | /   | / |
| CB-CHL8-10    | 0.55  | 0.75 | 13            | 16               |              | 12.6      |                                                                                     | 13 | /    | /    | /  | 11   | 10   | 9     | 8     | 7    | 6     | 5     | /   | / |
| CB-CHL8-20    | 0.75  | 1    | 23            | 16               |              | 14.2      |                                                                                     | 23 | /    | /    | /  | 22   | 20   | 19    | 18    | 13   | 11    | 8     | /   | / |
| CB-CHL8-30    | 1.1   | 1.5  | 33            | 16               |              | 17.4      |                                                                                     | 33 | /    | /    | /  | 31   | 29   | 26    | 24    | 20   | 16    | 11    | /   | / |
| CB-CHL8-40    | 1.5   | 2    | 43            | 16               | 19.2         | 43        |                                                                                     | /  | /    | /    | 41 | 39   | 37   | 33    | 39    | 23   | 17    | /     | /   |   |
| CB-CHL8-50    | 2.2   | 3    | 53            | 16               | 22           | 53        |                                                                                     | /  | /    | /    | 51 | 49   | 47   | 42    | 37    | 30   | 23    | /     | /   |   |
| CB-CHL12-10S  | 1     | 1.5  | 20            | 14               | 1.5"x1.5"    | 14.5      |                                                                                     | 20 | /    | /    | /  | /    | 19   | 18    | 16    | 14   | 11    | /     | /   | / |
| CB-CHL12-15S  | 1.5   | 2    | 31            | 14               |              | 18        |                                                                                     | 31 | /    | /    | /  | /    | 28   | 26    | 24    | 20   | 15    | /     | /   | / |
| CB-CHL12-20S  | 1.85  | 2.5  | 40            | 14               |              | 19.7      | 40                                                                                  | /  | /    | /    | /  | 38   | 35   | 31    | 28    | 20   | /     | /     | /   |   |
| CB-CHL12-25S  | 2.2   | 3    | 50            | 14               |              | 20.3      | 50                                                                                  | /  | /    | /    | /  | 47   | 43   | 39    | 34    | 27   | /     | /     | /   |   |
| CB-CHL12-30ST | 3     | 4    | 60            | 14               |              | 27.4      | 60                                                                                  | /  | /    | /    | /  | 54   | 50   | 45    | 39    | 30   | /     | /     | /   |   |
| CB-CHL12-10   | 0.75  | 1    | 13            | 16               |              | 13.6      | 13                                                                                  | /  | /    | /    | /  | /    | 11.5 | 10.5  | 9.5   | 8    | 6     | /     | /   |   |
| CB-CHL12-20   | 1.1   | 1.5  | 25            | 16               |              | 16.6      | 25                                                                                  | /  | /    | /    | /  | /    | 22.5 | 21    | 19.5  | 17   | 13    | /     | /   |   |
| CB-CHL12-30   | 1.85  | 2.5  | 38            | 16               |              | 20        | 38                                                                                  | /  | /    | /    | /  | /    | 34.5 | 32.5  | 29.5  | 26   | 20    | /     | /   |   |
| CB-CHL12-40   | 2.2   | 3    | 50            | 16               |              | 20.7      | 50                                                                                  | /  | /    | /    | /  | /    | 46   | 43.5  | 39.5  | 35   | 27.5  | /     | /   |   |
| CB-CHL12-50T  | 3     | 4    | 65            | 16               |              | 29.2      | 65                                                                                  | /  | /    | /    | /  | /    | 58   | 55    | 50    | 44   | 35    | /     | /   |   |
| CB-CHL16-10   | 1     | 1.4  | 13            | 24               | 2"x2"        | 15.7      | 13                                                                                  | /  | /    | /    | /  | /    | 12   | 11.5  | 11    | 10.5 | 10    | 6     | /   |   |
| CB-CHL16-20   | 1.5   | 2    | 26            | 24               |              | 19.4      | 26                                                                                  | /  | /    | /    | /  | /    | 24   | 23    | 22    | 21   | 20    | 12    | /   |   |
| CB-CHL16-30   | 2.2   | 3    | 39            | 24               |              | 25        | 39                                                                                  | /  | /    | /    | /  | /    | 38   | 36    | 34    | 33   | 30    | 20    | /   |   |
| CB-CHL20-10   | 1     | 1.7  | 13            | 28               | 2"x2"        | 15.7      | 13                                                                                  | /  | /    | /    | /  | /    | /    | 13    | 12.5  | 12   | 11.5  | 9     | /   |   |
| CB-CHL20-20   | 1.85  | 2.5  | 26            | 28               |              | 21        | 26                                                                                  | /  | /    | /    | /  | /    | /    | 25    | 24    | 23   | 22    | 16    | /   |   |
| CB-CHL20-30T  | 3     | 4    | 39            | 28               |              | 29.7      | 39                                                                                  | /  | /    | /    | /  | /    | /    | 39    | 38    | 36   | 35    | 27    | /   |   |



**Installation And Use**

This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to **466.67L/min (28 m³/h)**      Head up to **69 m**

**Application Limits**

Liquid temperature: 0℃ ~ +60℃  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

**Applications**

Pressure boosting  
Drinking water distribution

**USES**

Clean water and chemically non- aggressive liquids.  
Water supply:pressure boosting school, hotel, sauna room, garden irrigation, etc.

**\*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz**  
**\*: 3kW pump and above powered by 3~380V 50/60Hz**

| Model          | Power |      | Max head | Max.flow | Size      | N/W  | Q (m³/h)                                                                              | 0  | 1    | 2    | 3  | 4    | 6    | 8     | 10    | 12   | 14    | 16    | 24  |   |
|----------------|-------|------|----------|----------|-----------|------|---------------------------------------------------------------------------------------|----|------|------|----|------|------|-------|-------|------|-------|-------|-----|---|
|                | kW    | HP   | m        | m³/h     | Inch      | kg   | Q (L/min)                                                                             | 0  | 16.7 | 33.3 | 50 | 66.7 | 100  | 133.3 | 166.7 | 200  | 233.3 | 266.7 | 400 |   |
| CBB-CHL2-20    | 0.37  | 0.55 | 20       | 3.5      | 1.25"x1"  | 10.5 |  | 20 | 18   | 14   | 11 | /    | /    | /     | /     | /    | /     | /     | /   |   |
| CBB-CHL2-30    | 0.37  | 0.55 | 28       | 3.5      |           | 10.8 |                                                                                       | 28 | 27   | 21   | 17 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL2-40    | 0.55  | 0.75 | 38       | 3.5      |           | 12   |                                                                                       | 38 | 35   | 28   | 23 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL2-50    | 0.55  | 0.75 | 48       | 3.5      |           | 12.4 |                                                                                       | 48 | 43   | 35   | 28 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL2-60    | 0.75  | 1    | 56       | 3.5      |           | 13.6 |                                                                                       | 56 | 50   | 42   | 32 | /    | /    | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL4-20    | 0.55  | 0.75 | 20       | 7        | 1.25"x1"  | 11.4 |                                                                                       | 20 | /    | 18   | 16 | 15   | 10   | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL4-30    | 0.75  | 1    | 28       | 7        |           | 12.7 |                                                                                       | 28 | /    | 27   | 25 | 22   | 15   | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL4-40    | 0.75  | 1    | 38       | 7        |           | 8.2  |                                                                                       | 38 | /    | 36   | 33 | 30   | 20   | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL4-50    | 1     | 1.35 | 48       | 7        |           | 14   |                                                                                       | 48 | /    | 44   | 41 | 38   | 26   | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL4-60    | 1.1   | 1.5  | 58       | 7        |           | 14.7 |                                                                                       | 58 | /    | 53   | 50 | 45   | 33   | /     | /     | /    | /     | /     | /   | / |
| CBB-CHL8-10S   | 0.55  | 0.75 | 17       | 10       | 1.5"x1.5" | 12.8 |                                                                                       | 17 | /    | /    | /  | 15   | 13   | 12    | 8     | /    | /     | /     | /   | / |
| CBB-CHL8-15S   | 0.75  | 1    | 28       | 10       |           | 14.3 |                                                                                       | 28 | /    | /    | /  | 25   | 22   | 20    | 12    | /    | /     | /     | /   | / |
| CBB-CHL8-20S   | 1     | 1.5  | 34       | 10       |           | 15.4 |                                                                                       | 34 | /    | /    | /  | 32   | 27   | 24    | 17    | /    | /     | /     | /   | / |
| CBB-CHL8-25S   | 1.5   | 2    | 49       | 10       |           | 19   |                                                                                       | 49 | /    | /    | /  | 43   | 38   | 27    | 20    | /    | /     | /     | /   | / |
| CBB-CHL8-30S   | 1.85  | 2.5  | 56       | 10       |           | 20.5 |                                                                                       | 56 | /    | /    | /  | 50   | 44   | 36    | 26    | /    | /     | /     | /   | / |
| CBB-CHL8-35S   | 2.2   | 3    | 62       | 10       |           | 21.2 |                                                                                       | 62 | /    | /    | /  | 56   | 48   | 43    | 28    | /    | /     | /     | /   | / |
| CBB-CHL8-40S   | 2.2   | 3    | 69       | 10       |           | 19.6 |                                                                                       | 69 | /    | /    | /  | 65   | 57   | 48    | 34    | /    | /     | /     | /   | / |
| CBB-CHL8-10    | 0.55  | 0.75 | 13       | 16       |           | 12.6 |                                                                                       | 13 | /    | /    | /  | 11   | 10   | 9     | 8     | 7    | 6     | 5     | /   | / |
| CBB-CHL8-20    | 0.75  | 1    | 23       | 16       |           | 14.2 |                                                                                       | 23 | /    | /    | /  | 22   | 20   | 19    | 18    | 13   | 11    | 8     | /   | / |
| CBB-CHL8-30    | 1.1   | 1.5  | 33       | 16       |           | 17.4 |                                                                                       | 33 | /    | /    | /  | 31   | 29   | 26    | 24    | 20   | 16    | 11    | /   | / |
| CBB-CHL8-40    | 1.5   | 2    | 43       | 16       | 19.2      | 43   | /                                                                                     | /  | /    | 41   | 39 | 37   | 33   | 39    | 23    | 17   | /     | /     |     |   |
| CBB-CHL8-50    | 2.2   | 3    | 53       | 16       | 22        | 53   | /                                                                                     | /  | /    | 51   | 49 | 47   | 42   | 37    | 30    | 23   | /     | /     |     |   |
| CBB-CHL12-10S  | 1     | 1.5  | 20       | 14       | 1.5"x1.5" | 14.5 | 20                                                                                    | /  | /    | /    | /  | 19   | 18   | 16    | 14    | 11   | /     | /     | /   |   |
| CBB-CHL12-15S  | 1.5   | 2    | 31       | 14       |           | 18   | 31                                                                                    | /  | /    | /    | /  | 28   | 26   | 24    | 20    | 15   | /     | /     | /   |   |
| CBB-CHL12-20S  | 1.85  | 2.5  | 40       | 14       |           | 19.7 | 40                                                                                    | /  | /    | /    | /  | 38   | 35   | 31    | 28    | 20   | /     | /     | /   |   |
| CBB-CHL12-25S  | 2.2   | 3    | 50       | 14       |           | 20.3 | 50                                                                                    | /  | /    | /    | /  | 47   | 43   | 39    | 34    | 27   | /     | /     | /   |   |
| CBB-CHL12-30ST | 3     | 4    | 60       | 14       |           | 27.4 | 60                                                                                    | /  | /    | /    | /  | 54   | 50   | 45    | 39    | 30   | /     | /     | /   |   |
| CBB-CHL12-10   | 0.75  | 1    | 13       | 16       |           | 13.6 | 13                                                                                    | /  | /    | /    | /  | /    | 11.5 | 10.5  | 9.5   | 8    | 6     | /     | /   |   |
| CBB-CHL12-20   | 1.1   | 1.5  | 25       | 16       |           | 16.6 | 25                                                                                    | /  | /    | /    | /  | /    | 22.5 | 21    | 19.5  | 17   | 13    | /     | /   |   |
| CBB-CHL12-30   | 1.85  | 2.5  | 38       | 16       |           | 20   | 38                                                                                    | /  | /    | /    | /  | /    | 34.5 | 32.5  | 29.5  | 26   | 20    | /     | /   |   |
| CBB-CHL12-40   | 2.2   | 3    | 50       | 16       |           | 20.7 | 50                                                                                    | /  | /    | /    | /  | /    | 46   | 43.5  | 39.5  | 35   | 27.5  | /     | /   |   |
| CBB-CHL12-50T  | 3     | 4    | 65       | 16       |           | 29.2 | 65                                                                                    | /  | /    | /    | /  | /    | 58   | 55    | 50    | 44   | 35    | /     | /   |   |
| CBB-CHL16-10   | 1     | 1.4  | 13       | 24       | 2"×2"     | 15.7 | 13                                                                                    | /  | /    | /    | /  | /    | 12   | 11.5  | 11    | 10.5 | 10    | 6     | /   |   |
| CBB-CHL16-20   | 1.5   | 2    | 26       | 24       |           | 19.4 | 26                                                                                    | /  | /    | /    | /  | /    | 24   | 23    | 22    | 21   | 20    | 12    | /   |   |
| CBB-CHL16-30   | 2.2   | 3    | 39       | 24       |           | 25   | 39                                                                                    | /  | /    | /    | /  | /    | 38   | 36    | 34    | 33   | 30    | 20    | /   |   |
| CBB-CHL20-10   | 1     | 1.7  | 13       | 28       | 2"×2"     | 15.7 | 13                                                                                    | /  | /    | /    | /  | /    | /    | 13    | 12.5  | 12   | 11.5  | 9     | /   |   |
| CBB-CHL20-20   | 1.85  | 2.5  | 26       | 28       |           | 21   | 26                                                                                    | /  | /    | /    | /  | /    | /    | 25    | 24    | 23   | 22    | 16    | /   |   |
| CBB-CHL20-30T  | 3     | 4    | 39       | 28       |           | 28.5 | 39                                                                                    | /  | /    | /    | /  | /    | /    | 39    | 38    | 36   | 35    | 27    | /   |   |





**Installation And Use**  
This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to  
**466.67 L/min (28 m³/h)**      Head up to  
**65 m**

**Application Limits**  
Liquid temperature: 0℃~ + 60℃  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

**Applications**  
Pressure boosting  
Drinking water distribution

**USES**  
Clean water and chemically non- aggressive liquids.      Water supply: pressure boosting school, hotel, sauna room, garden irrigation, etc.



\*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz  
\*: 3kW pump and above powered by 3~380V 50/60Hz

| Model         | Power |      | Max head | Max.flow | Size   | N/W  | Q (m³/h)                                                                            |      |      |      |      |    |      |      |      |      |      |      |  |  |  |  |  |
|---------------|-------|------|----------|----------|--------|------|-------------------------------------------------------------------------------------|------|------|------|------|----|------|------|------|------|------|------|--|--|--|--|--|
|               | kW    | HP   | m        | m³/h     | Inch   | kg   | Q (L/min)                                                                           | 0    | 1    | 2    | 3    | 4  | 6    | 8    | 10   | 12   | 14   | 16   |  |  |  |  |  |
| CB-CHI2-2     | 0.37  | 0.3  | 20       | 4.3      | 1"x1¼" | 10.5 |  | 20   | 19.3 | 18   | 15.5 | 12 | /    | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI2-3     | 0.37  | 0.5  | 29       | 4.3      |        | 10.8 |                                                                                     | 29   | 26.5 | 24   | 21.0 | 15 | /    | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI2-4     | 0.55  | 0.75 | 38.5     | 4.3      |        | 12   |                                                                                     | 38.5 | 35.5 | 32   | 28.0 | 20 | /    | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI2-5     | 0.55  | 0.75 | 47.5     | 4.3      |        | 12.4 |                                                                                     | 47.5 | 43.5 | 40   | 34.5 | 24 | /    | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI2-6     | 0.75  | 1    | 56.5     | 4.3      | 1"x1¼" | 13.6 |  | 56.5 | 52.3 | 47   | 39.0 | 27 | /    | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI4-2     | 0.55  | 0.5  | 19       | 6.3      |        | 11.4 |                                                                                     | 19   | 18.5 | 17.5 | 16   | 15 | 10   | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI4-3     | 0.75  | 0.75 | 30       | 6.3      |        | 12.7 |                                                                                     | 30   | 29   | 28   | 26.5 | 25 | 18   | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI4-4     | 0.75  | 1    | 38       | 6.3      |        | 13.2 |                                                                                     | 38   | 38   | 36   | 33.5 | 30 | 20   | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI4-5     | 1     | 1.35 | 48.5     | 6.3      |        | 14   |                                                                                     | 48.5 | 47   | 45   | 42.5 | 40 | 27   | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI4-6     | 1.1   | 1.75 | 58.5     | 6.3      |        | 14.7 |                                                                                     | 58.5 | 56.5 | 54   | 52.5 | 49 | 36   | /    | /    | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-10S   | 0.55  | 0.75 | 18       | 10       | 1.5"   | 12.8 |                                                                                     | 18   | /    | /    | /    | 15 | 13   | 10   | 8    | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-15S   | 0.75  | 1    | 29       | 10       |        | 14.3 |                                                                                     | 29   | /    | /    | /    | 25 | 22   | 17   | 12   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-20S   | 1     | 1.35 | 34       | 10       |        | 15.4 |                                                                                     | 34   | /    | /    | /    | 32 | 27   | 20   | 17   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-25S   | 1.5   | 2    | 49.5     | 10       |        | 19   |                                                                                     | 49.5 | /    | /    | /    | 43 | 38   | 30   | 20   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-30S   | 1.85  | 2.5  | 56       | 10       |        | 20.5 |                                                                                     | 56   | /    | /    | /    | 50 | 44   | 32   | 26   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-35S   | 2.2   | 3    | 62       | 10       |        | 21.2 |                                                                                     | 62   | /    | /    | /    | 56 | 48   | 42   | 28   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-40S   | 2.2   | 3    | 69       | 10       |        | 21.5 |                                                                                     | 69   | /    | /    | /    | 65 | 57   | 43   | 34   | /    | /    | /    |  |  |  |  |  |
| CB-CHI8-10    | 0.55  | 0.75 | 14       | 16       |        | 12.6 |                                                                                     | 14   | /    | /    | /    | 11 | 10   | 9    | 8    | 7    | 6    | 5    |  |  |  |  |  |
| CB-CHI8-20    | 0.75  | 1    | 24       | 16       |        | 14.2 |                                                                                     | 24   | /    | /    | /    | 22 | 20   | 19   | 18   | 13   | 11   | 8    |  |  |  |  |  |
| CB-CHI8-30    | 1.1   | 1.35 | 33       | 16       |        | 17.4 |                                                                                     | 33   | /    | /    | /    | 31 | 29   | 26   | 24   | 20   | 16   | 11   |  |  |  |  |  |
| CB-CHI8-40    | 1.5   | 2    | 42.5     | 16       |        | 19.2 |                                                                                     | 42.5 | /    | /    | /    | 41 | 39   | 37   | 33   | 28   | 23   | 17   |  |  |  |  |  |
| CB-CHI8-50    | 2.2   | 3    | 53       | 16       |        | 22   |                                                                                     | 53   | /    | /    | /    | 51 | 49   | 46.5 | 42   | 37   | 30   | 23   |  |  |  |  |  |
| CB-CHI12-10S  | 1     | 1.35 | 20       | 14       | 1.5"   | 14.5 |                                                                                     | 20   | /    | /    | /    | /  | 19   | 17.5 | 15.5 | 13.5 | 10.5 | /    |  |  |  |  |  |
| CB-CHI12-15S  | 1.5   | 2    | 30       | 14       |        | 18   |                                                                                     | 30   | /    | /    | /    | /  | 28   | 26   | 24   | 20   | 15   | /    |  |  |  |  |  |
| CB-CHI12-20S  | 1.85  | 2.5  | 40       | 14       |        | 19.7 |                                                                                     | 40   | /    | /    | /    | /  | 38   | 35   | 31   | 28   | 20   | /    |  |  |  |  |  |
| CB-CHI12-25S  | 2.2   | 3    | 50       | 14       |        | 20.3 |                                                                                     | 50   | /    | /    | /    | /  | 47   | 43   | 39   | 33.5 | 27   | /    |  |  |  |  |  |
| CB-CHI12-30ST | 3     | 4    | 60       | 14       |        | 27.4 |                                                                                     | 60   | /    | /    | /    | /  | 53.5 | 50   | 45   | 39   | 30   | /    |  |  |  |  |  |
| CB-CHI12-10   | 0.75  | 1    | 13       | 16       |        | 13.6 |                                                                                     | 13   | /    | /    | /    | /  | /    | 11.5 | 10.5 | 9.5  | 8    | 6    |  |  |  |  |  |
| CB-CHI12-20   | 1.1   | 1.5  | 25       | 16       |        | 16.6 |                                                                                     | 25   | /    | /    | /    | /  | /    | 22.5 | 21   | 19.5 | 17   | 13   |  |  |  |  |  |
| CB-CHI12-30   | 1.85  | 2.5  | 39       | 16       |        | 20   |                                                                                     | 39   | /    | /    | /    | /  | /    | 34.5 | 32.5 | 29.5 | 26   | 20   |  |  |  |  |  |
| CB-CHI12-40   | 2.2   | 3    | 51       | 16       |        | 20.7 |                                                                                     | 51   | /    | /    | /    | /  | /    | 46   | 43.5 | 39.5 | 35   | 27.5 |  |  |  |  |  |
| CB-CHI12-50T  | 3     | 4    | 65       | 16       |        | 29.2 |                                                                                     | 65   | /    | /    | /    | /  | /    | 58   | 55   | 50   | 44   | 35   |  |  |  |  |  |



| Model        | Power |      | Max head | Max.flow | Size | N/W  | Q (m³/h)                                                                            |    |    |      |      |      |      |    |      |    |    |     |  |  |  |  |  |
|--------------|-------|------|----------|----------|------|------|-------------------------------------------------------------------------------------|----|----|------|------|------|------|----|------|----|----|-----|--|--|--|--|--|
|              | kW    | HP   | m        | m³/h     | Inch | kg   | Q (L/min)                                                                           | 0  | 8  | 10   | 12   | 14   | 16   | 18 | 20   | 22 | 24 | 26  |  |  |  |  |  |
| CB-CHI16-10  | 1     | 1.35 | 12       | 24       | 2"   | 15.7 |  | 12 | 12 | 11.5 | 11   | 10.5 | 10   | 9  | 8    | 7  | 6  | /   |  |  |  |  |  |
| CB-CHI16-20  | 1.5   | 2    | 26       | 24       |      | 19.4 |                                                                                     | 26 | 24 | 23   | 22   | 21   | 20   | 19 | 16   | 14 | 12 | /   |  |  |  |  |  |
| CB-CHI16-30  | 2.2   | 3    | 40       | 24       |      | 25   |                                                                                     | 40 | 38 | 36   | 34   | 33   | 30   | 28 | 26   | 23 | 20 | /   |  |  |  |  |  |
| CB-CHI20-10  | 1     | 1.35 | 13       | 28       |      | 15.7 |                                                                                     | 13 | /  | 13   | 12.5 | 12   | 11.5 | 11 | 10.5 | 10 | 9  | 8.5 |  |  |  |  |  |
| CB-CHI20-20  | 1.85  | 2.5  | 25       | 28       |      | 21   |                                                                                     | 25 | /  | 25   | 24   | 23   | 22   | 21 | 20   | 18 | 16 | 14  |  |  |  |  |  |
| CB-CHI20-30T | 3     | 4    | 40       | 28       |      | 28.5 |                                                                                     | 40 | /  | 39   | 38   | 36   | 35   | 33 | 31.5 | 30 | 27 | 24  |  |  |  |  |  |



**Features and advantages**  
The pump has a small installation volume, which can save more installation space. The standby power design as low as 1W makes the energy-saving technology perfectly present. Motor sensorless drive technology (FOC) can completely realize zero maintenance of motor system. This pump is equipped with industrial pressure sensor and LCD man-machine interface, it's easy to operate. The constant pressure control system specially designed for families can completely realize constant water pressure.

Flow rate up to  
**83.33 L/min (5 m³/h)**      Head up to  
**40 m**

**Applications**  
Whole house water supply, household single pump constant pressure control.  
High rise building water supply and drainage.  
Industrial and civil water supply system.

**Construction**  
Pump body: Stainless steel.  
Impeller: Stainless steel.  
Motor shaft: 304 welded shaft.  
Mechanical seal: Silicon carbide graphite.  
Protection: IP 54.



| Model   | Power |      | Max head | Max.flow | Size  | N/W | Q (m³/h)                                                                              |    |    |      |    |      |     |
|---------|-------|------|----------|----------|-------|-----|---------------------------------------------------------------------------------------|----|----|------|----|------|-----|
|         | kW    | HP   | m        | m³/h     | Inch  | kg  | Q (L/min)                                                                             | 0  | 1  | 2    | 3  | 4    | 5   |
| GPS2-4  | 0.55  | 0.75 | 28       | 4.8      | 1"x1" | 6.2 |  | 28 | 27 | 23.7 | 21 | 15.8 | 9.5 |
| GPS2-4H | 0.65  | 0.85 | 40       | 5        | 1"x1" | 6.2 |                                                                                       | 40 | 35 | 30   | 25 | 15.8 | 9.5 |



**Features and advantages**

The system adopts rare permanent magnet synchronous motor, which has ultra-high energy efficiency and ultra-low power consumption. The standby power design as low as 1W makes the energy-saving technology perfect. Motor sensorless drive technology (FOC) can completely realize zero maintenance of motor system. The man-machine interface with LCD display is easy to operate. The pump with compact size and convenient installation, and it is equipped with industrial pressure sensor, stainless steel five way and stainless steel oil injection pressure gauge.



Impeller/SUS304

Flow rate up to  
**116.67L/min (7 m³/h)**

Head up to  
**55 m**

**Applications**

Household single pump constant pressure control.  
Small and medium sized high precision intelligent control water supply system.  
Industrial and civil water supply system.

**Construction**

Pump body: Stainless steel.  
Impeller: Stainless steel.  
Motor shaft: 304 welded shaft.  
Mechanical seal: Silicon carbide graphite.  
Protection: IP 54.



| Model  | Power |      | Max head | Max.flow | Size     | N/W | Q (m³/h)                                                                            | 0    | 1  | 2    | 3  | 4  | 5    | 6   | 6.4 |
|--------|-------|------|----------|----------|----------|-----|-------------------------------------------------------------------------------------|------|----|------|----|----|------|-----|-----|
|        | kW    | HP   | m        | m³/h     | Inch     | kg  | Q (L/min)                                                                           | 0    | 17 | 33   | 50 | 67 | 83   | 100 | 107 |
| GPI2-3 | 0.8   | 1.1  | 41.5     | 5.1      | 1"x1"    | 7.1 |  | 41.5 | 38 | 35   | 32 | 26 | 10   | /   | /   |
| GPI2-4 | 1     | 1.35 | 56       | 5.6      | 1"x1"    | 7.6 |                                                                                     | 56   | 53 | 50   | 45 | 36 | 25   | 14  | /   |
| GPI4-3 | 1     | 1.35 | 45.5     | 6.5      | 1.25"x1" | 7.1 |                                                                                     | 45.5 | 35 | 35.5 | 35 | 34 | 27.7 | 9   | /   |
| GPI4-4 | 1.2   | 1.6  | 55       | 7        | 1.25"x1" | 7.6 |                                                                                     | 55   | 54 | 49   | 45 | 36 | 28   | 20  | 13  |



**Features and advantages**

It is specially designed for household water supply to realize constant water pressure. Motor sensorless drive technology (FOC) can completely realize zero maintenance of motor system. The man-machine interface with LCD display is easy to operate. The pump with compact size and convenient installation, and it is equipped with industrial pressure sensor, stainless steel five way and stainless steel oil injection pressure gauge. System integrated check valve structure.



Stainless steel

Flow rate up to  
**116.67 L/min (7 m³/h)**

Head up to  
**60 m**

**Applications**

Household single pump constant pressure control.  
Small and medium sized high precision intelligent control water supply system.  
Industrial and civil water supply system.

**Construction**

Pump body: Stainless steel.  
Impeller: Stainless steel.  
Motor shaft: 304 welded shaft.  
Mechanical seal: Silicon carbide graphite.  
Protection: IP 54.



| Model  | Power |      | Max head | Max.flow | Size     | N/W | Q (m³/h)                                                                              | 0  | 1  | 2  | 3  | 4  | 5  | 6   | 6.5 |
|--------|-------|------|----------|----------|----------|-----|---------------------------------------------------------------------------------------|----|----|----|----|----|----|-----|-----|
|        | kW    | HP   | m        | m³/h     | Inch     | kg  | Q (L/min)                                                                             | 0  | 17 | 33 | 50 | 67 | 83 | 100 | 108 |
| GPL2-4 | 1     | 1.35 | 60       | 5.6      | 1"x1"    | 9.4 |  | 60 | 57 | 51 | 41 | 31 | 22 | /   | /   |
| GPL4-4 | 1.2   | 1.6  | 60       | 7        | 1.25"x1" | 9.4 |                                                                                       | 60 | 55 | 47 | 40 | 34 | 27 | 19  | 14  |



**Features and advantages**

CB-CDL series variable frequency water pump has the characteristics of universal applicability and flexible customization, which can meet the actual needs of users to match different pump specifications and parameters, and provide a wealth of optional configurations and solutions to meet users' one-stop purchasing requirements. The pump can realize automatic start and stop, constant pressure, water shortage alarm and other functions, and users can adjust it according to actual needs.

Flow rate up to  
**4000L/min (240m³/h)**

Head up to  
**242 m**

**Application Limits**

Liquid temperature: 0℃ ~ + 40℃  
Maximum system pressure 16 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

**Applications**

Pressure boosting  
Drinking Water Distribution

**USES**

Clean water and chemically non- aggressive liquids.  
It is suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects, or occasions such as temporary water supply at construction sites, temporary fire protection, and small irrigation.



\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model         | Power |     | Max.head | Max.flow | Speed | Pipe connection | Tank L | Q (m³/h)  | 0.4   | 0.6   | 0.8   | 1    | 1.2  | 1.4  | 1.6  | 1.8  | 2    | 2.2  |
|---------------|-------|-----|----------|----------|-------|-----------------|--------|-----------|-------|-------|-------|------|------|------|------|------|------|------|
|               | kW    | HP  | m        | m³/h     | rpm   |                 |        | Q (L/min) | 6.7   | 10    | 13.3  | 16.7 | 20   | 23.3 | 26.7 | 30   | 33.3 | 36.7 |
| CB-CDL(F)1-2  | 0.37  | 0.5 | 12       | 2.4      | 2850  | DN32            | 12     |           | 12    | 11.8  | 11.5  | 11   | 11   | 10.5 | 9.8  | 9.2  | 8.5  | 7.8  |
| CB-CDL(F)1-3  | 0.37  | 0.5 | 17.5     | 2.4      | 2850  | DN32            | 12     |           | 17.5  | 17    | 16.8  | 16.5 | 16   | 16.5 | 14   | 13.5 | 12   | 10.5 |
| CB-CDL(F)1-4  | 0.37  | 0.5 | 23.5     | 2.4      | 2850  | DN32            | 12     |           | 23.5  | 23    | 22.5  | 22   | 21   | 20.5 | 18.5 | 18   | 16.5 | 14   |
| CB-CDL(F)1-5  | 0.37  | 0.5 | 29       | 2.4      | 2850  | DN32            | 12     |           | 29    | 28.5  | 28    | 27.5 | 26.5 | 26   | 24   | 23   | 20.5 | 17.5 |
| CB-CDL(F)1-6  | 0.37  | 0.5 | 35       | 2.4      | 2850  | DN32            | 12     |           | 35    | 34.5  | 34    | 33   | 32   | 31   | 28   | 27   | 25   | 22   |
| CB-CDL(F)1-7  | 0.37  | 0.5 | 41       | 2.4      | 2850  | DN32            | 12     |           | 41    | 40    | 39    | 38.5 | 37   | 35   | 33   | 32   | 29   | 25   |
| CB-CDL(F)1-8  | 0.55  | 0.7 | 46.5     | 2.4      | 2850  | DN32            | 12     |           | 46.5  | 46    | 45.5  | 44   | 42   | 40   | 38   | 36   | 33   | 29   |
| CB-CDL(F)1-9  | 0.55  | 0.7 | 52       | 2.4      | 2850  | DN32            | 12     |           | 52    | 51.5  | 51    | 49.5 | 47.5 | 46   | 44   | 41   | 37   | 34   |
| CB-CDL(F)1-10 | 0.55  | 0.7 | 58       | 2.4      | 2850  | DN32            | 12     |           | 58    | 57.5  | 57    | 56   | 54   | 52   | 48   | 46   | 41.5 | 37   |
| CB-CDL(F)1-11 | 0.55  | 0.7 | 66       | 2.4      | 2850  | DN32            | 12     |           | 65    | 63    | 62.5  | 61   | 59   | 56   | 54   | 50   | 46   | 40   |
| CB-CDL(F)1-12 | 0.75  | 1   | 72       | 2.4      | 2850  | DN32            | 12     |           | 70    | 69    | 68    | 66   | 64   | 62   | 58   | 55   | 49   | 43   |
| CB-CDL(F)1-13 | 0.75  | 1   | 78       | 2.4      | 2850  | DN32            | 12     |           | 75    | 74.5  | 74    | 72   | 69   | 66   | 63   | 59   | 54   | 47   |
| CB-CDL(F)1-15 | 0.75  | 1   | 89       | 2.4      | 2850  | DN32            | 12     |           | 87    | 86    | 85    | 84   | 80.5 | 77   | 72   | 68   | 62   | 53   |
| CB-CDL(F)1-17 | 1.1   | 1.5 | 101      | 2.4      | 2850  | DN32            | 12     |           | 99    | 97.5  | 97    | 95   | 91   | 87   | 81.5 | 77   | 69   | 59   |
| CB-CDL(F)1-19 | 1.1   | 1.5 | 113      | 2.4      | 2850  | DN32            | 12     |           | 110.5 | 109   | 108   | 106  | 101  | 97   | 91   | 86   | 78   | 66   |
| CB-CDL(F)1-21 | 1.1   | 1.5 | 124      | 2.4      | 2850  | DN32            | 12     |           | 122   | 120.5 | 119.5 | 116  | 112  | 108  | 101  | 95   | 86   | 73   |
| CB-CDL(F)1-23 | 1.1   | 1.5 | 138      | 2.4      | 2850  | DN32            | 12     |           | 135   | 132.5 | 130   | 126  | 122  | 117  | 111  | 104  | 94   | 80   |
| CB-CDL(F)1-25 | 1.5   | 2   | 152      | 2.4      | 2850  | DN32            | 12     |           | 147   | 144   | 141   | 138  | 133  | 128  | 121  | 114  | 103  | 87   |
| CB-CDL(F)1-27 | 1.5   | 2   | 163      | 2.4      | 2850  | DN32            | 12     |           | 158   | 156   | 154   | 150  | 144  | 138  | 130  | 121  | 112  | 96   |
| CB-CDL(F)1-30 | 1.5   | 2   | 182      | 2.4      | 2850  | DN32            | 12     |           | 175   | 173   | 171   | 166  | 160  | 154  | 145  | 136  | 124  | 108  |
| CB-CDL(F)1-33 | 2.2   | 3   | 198      | 2.4      | 2850  | DN32            | 12     |           | 193   | 191   | 188   | 183  | 176  | 170  | 160  | 150  | 136  | 120  |
| CB-CDL(F)1-36 | 2.2   | 3   | 217      | 2.4      | 2850  | DN32            | 12     |           | 212   | 209   | 205   | 200  | 192  | 184  | 174  | 164  | 150  | 133  |



\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model         | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 1    | 1.2  | 1.6  | 2    | 2.4  | 2.8  | 3.2  | 3.5  |
|---------------|-------|-----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|
| Three-phase   | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                         | 16.7 | 20   | 26.7 | 33.3 | 40   | 46.7 | 53.3 | 58.3 |
| CB-CDL(F)2-2  | 0.37  | 0.6 | 18       | 3.5      | 2850  | DN32               | 12   |  | 16   | 15.5 | 14.5 | 14   | 12.5 | 11   | 9.5  | 8    |
| CB-CDL(F)2-3  | 0.37  | 0.6 | 25       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 23   | 22.5 | 21   | 20   | 18.5 | 16   | 14   | 12   |
| CB-CDL(F)2-4  | 0.55  | 0.8 | 35       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 32   | 31   | 30   | 28   | 26   | 23   | 20   | 16   |
| CB-CDL(F)2-5  | 0.55  | 0.8 | 45       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 42.5 | 42   | 40   | 37   | 34.5 | 30   | 25   | 20   |
| CB-CDL(F)2-6  | 0.75  | 1   | 53       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 51   | 50   | 47   | 44   | 41   | 36   | 30   | 24   |
| CB-CDL(F)2-7  | 0.75  | 1   | 61       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 59   | 57   | 55   | 52   | 47   | 41   | 35   | 28   |
| CB-CDL(F)2-9  | 1.1   | 1.5 | 79       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 72   | 71   | 67   | 63   | 58   | 51   | 44   | 36   |
| CB-CDL(F)2-11 | 1.1   | 1.5 | 97       | 3.5      | 2850  | DN32               | 12   |                                                                                   | 87   | 85   | 80   | 74   | 67   | 59   | 50   | 42   |
| CB-CDL(F)2-13 | 1.5   | 2   | 117      | 3.5      | 2850  | DN32               | 12   |                                                                                   | 106  | 104  | 99   | 90   | 81   | 71   | 60   | 51   |
| CCB-DL(F)2-15 | 1.5   | 2   | 132      | 3.5      | 2850  | DN32               | 12   |                                                                                   | 121  | 119  | 112  | 105  | 96   | 85   | 72   | 61   |
| CB-CDL(F)2-18 | 2.2   | 3   | 158      | 3.5      | 2850  | DN32               | 12   |                                                                                   | 143  | 139  | 133  | 125  | 116  | 105  | 91   | 78   |
| CB-CDL(F)2-22 | 2.2   | 3   | 190      | 3.5      | 2850  | DN32               | 12   |                                                                                   | 173  | 169  | 162  | 152  | 140  | 126  | 110  | 95   |
| CB-CDL(F)2-26 | 3     | 4   | 220      | 3.5      | 2850  | DN32               | 12   |                                                                                   | 206  | 201  | 191  | 180  | 170  | 155  | 133  | 118  |

| Model         | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 1.2 | 1.6  | 2    | 2.4 | 2.8  | 3    | 3.2  | 3.4  | 3.6  | 4    |
|---------------|-------|-----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|------|-----|------|------|------|------|------|------|
| Three-phase   | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 20  | 26.7 | 33.3 | 40  | 46.7 | 50   | 53.3 | 56.7 | 60   | 66.7 |
| CB-CDL(F)3-2  | 0.37  | 0.5 | 13       | 4.4      | 2850  | DN32               | 12   |  | 12  | 11.3 | 10.5 | 10  | 9    | 8.5  | 8    | 7.5  | 7    | 6    |
| CB-CDL(F)3-3  | 0.37  | 0.5 | 20       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 18  | 17   | 16   | 15  | 14   | 13   | 12   | 11   | 10   | 8    |
| CB-CDL(F)3-4  | 0.37  | 0.5 | 25       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 24  | 23   | 21.5 | 20  | 18.5 | 17.5 | 16.5 | 15   | 13.5 | 11   |
| CB-CDL(F)3-5  | 0.37  | 0.5 | 32       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 30  | 28.5 | 27   | 25  | 23   | 22   | 20.5 | 19   | 17.5 | 14   |
| CB-CDL(F)3-6  | 0.55  | 0.7 | 38       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 36  | 34   | 32   | 30  | 28   | 26   | 24   | 22   | 20   | 16.5 |
| CB-CDL(F)3-7  | 0.55  | 0.7 | 44       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 42  | 40.5 | 39   | 36  | 33   | 30.5 | 28.5 | 26   | 24   | 19.5 |
| CB-CDL(F)3-8  | 0.75  | 1   | 51       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 48  | 46   | 44   | 41  | 37   | 35   | 32.5 | 30   | 27   | 22.5 |
| CB-CDL(F)3-9  | 0.75  | 1   | 58       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 53  | 51   | 49   | 46  | 41.5 | 39   | 37   | 34   | 32   | 26   |
| CB-CDL(F)3-10 | 0.75  | 1   | 63       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 59  | 57   | 55   | 51  | 46   | 43   | 41   | 37   | 34   | 28   |
| CB-CDL(F)3-11 | 1.1   | 1.5 | 70       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 65  | 62.5 | 60   | 56  | 51   | 48   | 45   | 42   | 38   | 30.5 |
| CB-CDL(F)3-12 | 1.1   | 1.5 | 76       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 71  | 68   | 66   | 61  | 55   | 52   | 49   | 45.5 | 42   | 34   |
| CB-CDL(F)3-13 | 1.1   | 1.5 | 82       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 77  | 74   | 71   | 66  | 60   | 57   | 53   | 50   | 46   | 37   |
| CB-CDL(F)3-15 | 1.1   | 1.5 | 94       | 4.4      | 2850  | DN32               | 12   |                                                                                     | 88  | 85   | 82   | 77  | 72   | 68.5 | 64   | 60   | 55   | 44   |
| CB-CDL(F)3-17 | 1.5   | 2   | 107      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 100 | 97   | 92   | 88  | 83   | 79   | 74   | 69   | 64   | 52   |
| CB-CDL(F)3-19 | 1.5   | 2   | 118      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 112 | 108  | 104  | 98  | 94   | 88   | 83   | 77   | 71   | 58   |
| CB-CDL(F)3-21 | 2.2   | 3   | 128      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 123 | 119  | 115  | 108 | 102  | 97   | 92   | 86   | 79   | 65   |
| CB-CDL(F)3-23 | 2.2   | 3   | 142      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 134 | 130  | 125  | 119 | 110  | 105  | 100  | 94   | 86   | 72   |
| CB-CDL(F)3-25 | 2.2   | 3   | 152      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 146 | 141  | 135  | 128 | 118  | 113  | 108  | 102  | 94   | 79   |
| CB-CDL(F)3-27 | 2.2   | 3   | 166      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 158 | 152  | 146  | 138 | 129  | 126  | 117  | 110  | 103  | 86   |
| CB-CDL(F)3-29 | 2.2   | 3   | 178      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 169 | 163  | 156  | 147 | 137  | 132  | 125  | 118  | 111  | 93   |
| CB-CDL(F)3-31 | 3     | 4   | 190      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 180 | 174  | 167  | 157 | 147  | 141  | 134  | 126  | 118  | 100  |
| CB-CDL(F)3-33 | 3     | 4   | 202      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 191 | 186  | 178  | 168 | 157  | 150  | 143  | 135  | 127  | 108  |
| CB-CDL(F)3-36 | 3     | 4   | 220      | 4.4      | 2850  | DN32               | 12   |                                                                                     | 209 | 203  | 194  | 184 | 173  | 166  | 159  | 151  | 143  | 122  |



\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model         | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 1    | 2    | 3   | 4    | 4.5 | 5    | 5.5  | 6   |
|---------------|-------|-----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|------|-----|------|-----|------|------|-----|
| Three-phase   | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 16.7 | 33.3 | 50  | 66.7 | 75  | 83.3 | 91.7 | 100 |
| CB-CDL(F)4-2  | 0.37  | 0.6 | 22       | 6        | 2850  | DN32               | 12   |  | 21   | 20   | 18  | 16   | 15  | 14   | 13   | 12  |
| CB-CDL(F)4-3  | 0.55  | 0.8 | 32       | 6        | 2850  | DN32               | 12   |                                                                                     | 31   | 29.5 | 28  | 24   | 22  | 21   | 19   | 18  |
| CB-CDL(F)4-4  | 0.75  | 1   | 42       | 6        | 2850  | DN32               | 12   |                                                                                     | 40   | 38   | 35  | 31   | 29  | 27   | 24   | 22  |
| CB-CDL(F)4-5  | 1.1   | 1.5 | 52       | 6        | 2850  | DN32               | 12   |                                                                                     | 50   | 48   | 44  | 40   | 38  | 34   | 30   | 26  |
| CB-CDL(F)4-6  | 1.1   | 1.5 | 61       | 6        | 2850  | DN32               | 12   |                                                                                     | 59   | 57   | 53  | 49   | 45  | 41   | 36   | 30  |
| CB-CDL(F)4-7  | 1.5   | 2   | 72       | 6        | 2850  | DN32               | 12   |                                                                                     | 71   | 69   | 65  | 59   | 55  | 50   | 43   | 36  |
| CB-CDL(F)4-8  | 1.5   | 2   | 81       | 6        | 2850  | DN32               | 12   |                                                                                     | 76   | 74   | 71  | 65   | 60  | 56   | 51   | 42  |
| CB-CDL(F)4-10 | 2.2   | 3   | 101      | 6        | 2850  | DN32               | 12   |                                                                                     | 95   | 93   | 90  | 84   | 78  | 72   | 65   | 58  |
| CB-CDL(F)4-12 | 2.2   | 3   | 120      | 6        | 2850  | DN32               | 12   |                                                                                     | 115  | 110  | 105 | 98   | 91  | 84   | 76   | 68  |
| CB-CDL(F)4-14 | 3     | 4   | 141      | 6        | 2850  | DN32               | 12   |                                                                                     | 139  | 134  | 128 | 118  | 111 | 102  | 90   | 79  |
| CB-CDL(F)4-16 | 3     | 4   | 162      | 6        | 2850  | DN32               | 12   |                                                                                     | 158  | 153  | 145 | 134  | 126 | 116  | 103  | 89  |
| CB-CDL(F)4-18 | 4     | 5.5 | 180      | 6        | 2850  | DN32               | 12   |                                                                                     | 176  | 173  | 164 | 148  | 135 | 118  | 108  | 94  |
| CB-CDL(F)4-19 | 4     | 5.5 | 191      | 6        | 2850  | DN32               | 12   |                                                                                     | 186  | 180  | 170 | 155  | 145 | 133  | 117  | 98  |
| CB-CDL(F)4-22 | 4     | 5.5 | 220      | 6        | 2850  | DN32               | 12   |                                                                                     | 216  | 208  | 197 | 182  | 172 | 159  | 143  | 126 |

| Model         | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                                      | 2    | 3    | 4    | 4.5  | 5    | 5.5  | 6    | 6.5   | 7     | 7.5  | 8     |
|---------------|-------|-----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-------|-------|------|-------|
| Three-phase   | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                                     | 33.3 | 50   | 66.7 | 75   | 83.3 | 91.7 | 100  | 108.3 | 116.7 | 125  | 133.3 |
| CB-CDL(F)5-2  | 0.37  | 0.5 | 14       | 8        | 2850  | DN32               | 12   | <br>H(m) | 14   | 13   | 12   | 11.5 | 11   | 10   | 9    | 8     | 7.5   | 6.5  | 6     |
| CB-CDL(F)5-3  | 0.55  | 0.7 | 19       | 8        | 2850  | DN32               | 12   |                                                                                               | 19   | 18   | 16.5 | 15.5 | 15   | 14   | 13   | 12    | 11    | 9    | 8     |
| CB-CDL(F)5-4  | 0.55  | 0.7 | 24.5     | 8        | 2850  | DN32               | 12   |                                                                                               | 24.5 | 23   | 22.5 | 21   | 20   | 18.5 | 17   | 15.5  | 14    | 12.5 | 11    |
| CB-CDL(F)5-5  | 0.75  | 1   | 30.5     | 8        | 2850  | DN32               | 12   |                                                                                               | 30.5 | 29   | 27   | 26   | 24.5 | 23   | 21.5 | 20    | 17.5  | 16   | 14    |
| CB-CDL(F)5-6  | 1.1   | 1.5 | 37       | 8        | 2850  | DN32               | 12   |                                                                                               | 37   | 35   | 33   | 31.5 | 30   | 28   | 26   | 24    | 22    | 20   | 18    |
| CB-CDL(F)5-7  | 1.1   | 1.5 | 43       | 8        | 2850  | DN32               | 12   |                                                                                               | 43   | 41   | 39   | 37   | 35   | 33   | 31   | 28    | 26    | 24   | 21    |
| CB-CDL(F)5-8  | 1.1   | 1.5 | 49       | 8        | 2850  | DN32               | 12   |                                                                                               | 49   | 47   | 44   | 42   | 40   | 38   | 36   | 32    | 30    | 27   | 24    |
| CB-CDL(F)5-9  | 1.5   | 2   | 56       | 8        | 2850  | DN32               | 12   |                                                                                               | 56   | 53   | 50   | 47.5 | 45   | 42.5 | 40   | 37    | 33.5  | 30.5 | 27    |
| CB-CDL(F)5-10 | 1.5   | 2   | 62       | 8        | 2850  | DN32               | 12   |                                                                                               | 62   | 59   | 55   | 53   | 50   | 47   | 44   | 41    | 37    | 34   | 30    |
| CB-CDL(F)5-11 | 2.2   | 3   | 68.5     | 8        | 2850  | DN32               | 12   |                                                                                               | 68.5 | 65.5 | 61.5 | 59   | 56   | 52   | 49   | 45    | 41    | 37   | 33    |
| CB-CDL(F)5-12 | 2.2   | 3   | 75       | 8        | 2850  | DN32               | 12   |                                                                                               | 75   | 72.5 | 68   | 65   | 62   | 58   | 54   | 49    | 45    | 40.5 | 36    |
| CB-CDL(F)5-13 | 2.2   | 3   | 81.5     | 8        | 2850  | DN32               | 12   |                                                                                               | 81.5 | 79   | 74   | 71   | 68   | 64   | 59.5 | 54    | 49    | 44   | 39    |
| CB-CDL(F)5-14 | 2.2   | 3   | 89       | 8        | 2850  | DN32               | 12   |                                                                                               | 89   | 85   | 81   | 77   | 74   | 69   | 65   | 59    | 54    | 48   | 42    |
| CB-CDL(F)5-15 | 2.2   | 3   | 96       | 8        | 2850  | DN32               | 12   |                                                                                               | 96   | 93   | 88   | 84   | 80   | 75   | 70   | 64    | 59    | 52   | 45    |
| CB-CDL(F)5-16 | 2.2   | 3   | 103      | 8        | 2850  | DN32               | 12   |                                                                                               | 103  | 100  | 94   | 90   | 85   | 80   | 75   | 69    | 63    | 56   | 48    |
| CB-CDL(F)5-18 | 3     | 4   | 115      | 8        | 2850  | DN32               | 12   |                                                                                               | 115  | 110  | 104  | 100  | 96   | 90   | 85   | 78    | 71    | 63   | 54    |
| CB-CDL(F)5-20 | 3     | 4   | 129      | 8        | 2850  | DN32               | 12   |                                                                                               | 129  | 122  | 115  | 109  | 105  | 99   | 94   | 86    | 78    | 70   | 60    |
| CB-CDL(F)5-22 | 4     | 5.5 | 139      | 8        | 2850  | DN32               | 12   |                                                                                               | 139  | 134  | 126  | 121  | 116  | 110  | 103  | 95    | 87    | 77   | 66    |
| CB-CDL(F)5-24 | 4     | 5.5 | 152      | 8        | 2850  | DN32               | 12   |                                                                                               | 152  | 146  | 138  | 133  | 127  | 120  | 113  | 105   | 96    | 84   | 72    |
| CB-CDL(F)5-26 | 4     | 5.5 | 164      | 8        | 2850  | DN32               | 12   |                                                                                               | 164  | 158  | 150  | 144  | 138  | 131  | 122  | 114   | 104   | 91   | 78    |
| CB-CDL(F)5-29 | 4     | 5.5 | 185      | 8        | 2850  | DN32               | 12   | 185                                                                                           | 177  | 168  | 164  | 157  | 150  | 141  | 132  | 119   | 103   | 87   |       |
| CB-CDL(F)5-32 | 5.5   | 7.5 | 205      | 8        | 2850  | DN32               | 12   | 205                                                                                           | 197  | 189  | 183  | 176  | 166  | 158  | 147  | 134   | 114   | 96   |       |
| CB-CDL(F)5-36 | 5.5   | 7.5 | 230      | 8        | 2850  | DN32               | 12   | 230                                                                                           | 222  | 212  | 205  | 198  | 188  | 177  | 166  | 154   | 133   | 108  |       |





\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model          | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 2    | 4    | 6   | 8     | 10    | 12  | 14    |
|----------------|-------|-----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|-----|-------|-------|-----|-------|
| Three-phase    | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                         | 33.3 | 66.7 | 100 | 133.3 | 166.7 | 200 | 233.3 |
| CB-CDL(F)10-2  | 0.75  | 1   | 23       | 14       | 2850  | DN42               | 15   |  | 23   | 22   | 20  | 18    | 16    | 13  | 10    |
| CB-CDL(F)10-3  | 1.1   | 1.5 | 33       | 14       | 2850  | DN42               | 15   |                                                                                   | 33   | 32   | 31  | 28    | 25    | 21  | 16    |
| CB-CDL(F)10-4  | 1.5   | 2   | 43       | 14       | 2850  | DN42               | 15   |                                                                                   | 43   | 42   | 40  | 37    | 32    | 27  | 20    |
| CB-CDL(F)10-5  | 2.2   | 3   | 53       | 14       | 2850  | DN42               | 15   |                                                                                   | 53   | 51   | 48  | 44    | 39    | 32  | 24    |
| CB-CDL(F)10-6  | 2.2   | 3   | 63       | 14       | 2850  | DN42               | 15   |                                                                                   | 62   | 61   | 58  | 53    | 46    | 38  | 28    |
| CB-CDL(F)10-7  | 3     | 4   | 74       | 14       | 2850  | DN42               | 15   |                                                                                   | 73   | 72   | 67  | 61    | 54    | 43  | 32    |
| CB-CDL(F)10-8  | 3     | 4   | 84       | 14       | 2850  | DN42               | 15   |                                                                                   | 83   | 81   | 78  | 71    | 62    | 51  | 37    |
| CB-CDL(F)10-9  | 3     | 4   | 94       | 14       | 2850  | DN42               | 15   |                                                                                   | 93   | 91   | 87  | 81    | 71    | 59  | 42    |
| CB-CDL(F)10-10 | 4     | 5.5 | 104      | 14       | 2850  | DN42               | 15   |                                                                                   | 104  | 101  | 98  | 91    | 81    | 67  | 47    |
| CB-CDL(F)10-12 | 4     | 5.5 | 124      | 14       | 2850  | DN42               | 15   |                                                                                   | 123  | 121  | 117 | 108   | 95    | 78  | 55    |
| CB-CDL(F)10-14 | 5.5   | 7.5 | 144      | 14       | 2850  | DN42               | 15   |                                                                                   | 143  | 141  | 136 | 124   | 110   | 90  | 63    |
| CB-CDL(F)10-16 | 5.5   | 7.5 | 165      | 14       | 2850  | DN42               | 15   |                                                                                   | 163  | 161  | 154 | 143   | 125   | 102 | 71    |
| CB-CDL(F)10-18 | 7.5   | 10  | 185      | 14       | 2850  | DN42               | 15   |                                                                                   | 183  | 179  | 173 | 161   | 144   | 118 | 82    |
| CB-CDL(F)10-20 | 7.5   | 10  | 206      | 14       | 2850  | DN42               | 15   |                                                                                   | 202  | 198  | 191 | 180   | 160   | 133 | 93    |
| CB-CDL(F)10-22 | 7.5   | 10  | 226      | 14       | 2850  | DN42               | 15   |                                                                                   | 222  | 217  | 209 | 198   | 178   | 149 | 106   |

| Model          | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 8   | 10  | 12  | 14   | 15  | 16   | 18  | 20  | 22  | 24  |
|----------------|-------|-----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|-----|-----|------|-----|------|-----|-----|-----|-----|
| Three-phase    | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 133 | 166 | 200 | 233  | 250 | 266  | 300 | 333 | 366 | 400 |
| CB-CDL(F)16-1  | 1.1   | 1.5 | 15       | 24       | 2850  | DN65               | 15   |  | 14  | 13  | 12  | 11.5 | 11  | 10.5 | 10  | 9   | 8   | 7   |
| CB-CDL(F)16-2  | 2.2   | 3   | 29       | 24       | 2850  | DN65               | 15   |                                                                                     | 26  | 25  | 24  | 23   | 22  | 21   | 20  | 18  | 16  | 14  |
| CB-CDL(F)16-3  | 3     | 4   | 43       | 24       | 2850  | DN65               | 15   |                                                                                     | 39  | 38  | 37  | 34   | 33  | 31   | 29  | 27  | 24  | 20  |
| CB-CDL(F)16-4  | 4     | 5.5 | 58       | 24       | 2850  | DN65               | 15   |                                                                                     | 52  | 50  | 48  | 46   | 44  | 43   | 40  | 36  | 31  | 26  |
| CB-CDL(F)16-5  | 4     | 5.5 | 71       | 24       | 2850  | DN65               | 15   |                                                                                     | 66  | 64  | 61  | 58   | 56  | 54   | 50  | 45  | 39  | 33  |
| CB-CDL(F)16-6  | 5.5   | 7.5 | 85       | 24       | 2850  | DN65               | 15   |                                                                                     | 80  | 78  | 75  | 70   | 67  | 65   | 60  | 54  | 47  | 41  |
| CB-CDL(F)16-7  | 5.5   | 7.5 | 98       | 24       | 2850  | DN65               | 15   |                                                                                     | 94  | 92  | 88  | 83   | 80  | 78   | 71  | 64  | 56  | 50  |
| CB-CDL(F)16-8  | 7.5   | 10  | 112      | 24       | 2850  | DN65               | 15   |                                                                                     | 108 | 105 | 101 | 96   | 93  | 90   | 83  | 75  | 66  | 57  |
| CB-CDL(F)16-9  | 7.5   | 10  | 126      | 24       | 2850  | DN65               | 15   |                                                                                     | 122 | 119 | 115 | 109  | 106 | 103  | 95  | 87  | 77  | 66  |
| CB-CDL(F)16-10 | 11    | 15  | 141      | 24       | 2850  | DN65               | 15   |                                                                                     | 136 | 133 | 128 | 123  | 120 | 116  | 107 | 98  | 86  | 76  |
| CB-CDL(F)16-12 | 11    | 15  | 168      | 24       | 2850  | DN65               | 15   |                                                                                     | 158 | 155 | 150 | 144  | 140 | 135  | 126 | 116 | 102 | 89  |
| CB-CDL(F)16-14 | 11    | 15  | 196      | 24       | 2850  | DN65               | 15   |                                                                                     | 183 | 178 | 172 | 165  | 162 | 156  | 145 | 133 | 118 | 103 |
| CB-CDL(F)16-16 | 15    | 20  | 224      | 24       | 2850  | DN65               | 15   |                                                                                     | 210 | 204 | 197 | 190  | 185 | 179  | 168 | 153 | 137 | 118 |
| CB-CDL(F)16-17 | 15    | 20  | 236      | 24       | 2850  | DN65               | 15   |                                                                                     | 224 | 218 | 212 | 203  | 198 | 193  | 181 | 166 | 151 | 129 |

| Model          | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 8   | 10   | 12  | 14   | 16  | 18   | 20   | 24  | 26  | 28  |
|----------------|-------|-----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|-----|------|-----|------|------|-----|-----|-----|
| Three-phase    | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 133 | 166  | 200 | 233  | 266 | 300  | 333  | 400 | 433 | 466 |
| CB-CDL(F)20-1  | 1.1   | 1.5 | 15       | 28       | 2850  | DN65               | 24   |  | 14  | 13.5 | 13  | 12.5 | 12  | 11.5 | 10.5 | 9   | 8   | 7   |
| CB-CDL(F)20-2  | 2.2   | 3   | 28       | 28       | 2850  | DN65               | 24   |                                                                                     | 28  | 27   | 26  | 25   | 24  | 22.5 | 21   | 18  | 16  | 14  |
| CB-CDL(F)20-3  | 4     | 5.5 | 42       | 28       | 2850  | DN65               | 24   |                                                                                     | 41  | 40   | 39  | 38   | 36  | 34   | 32   | 27  | 24  | 21  |
| CB-CDL(F)20-4  | 5.5   | 7.5 | 58       | 28       | 2850  | DN65               | 24   |                                                                                     | 54  | 53   | 52  | 51   | 50  | 46   | 43   | 36  | 32  | 27  |
| CB-CDL(F)20-5  | 5.5   | 7.5 | 71       | 28       | 2850  | DN65               | 24   |                                                                                     | 68  | 67   | 65  | 63   | 61  | 58   | 55   | 45  | 40  | 33  |
| CB-CDL(F)20-6  | 7.5   | 10  | 84       | 28       | 2850  | DN65               | 24   |                                                                                     | 82  | 80   | 78  | 77   | 73  | 70   | 66   | 55  | 48  | 40  |
| CB-CDL(F)20-7  | 7.5   | 10  | 100      | 28       | 2850  | DN65               | 24   |                                                                                     | 96  | 94   | 92  | 89   | 86  | 82   | 77   | 65  | 58  | 47  |
| CB-CDL(F)20-8  | 11    | 15  | 114      | 28       | 2850  | DN65               | 24   |                                                                                     | 110 | 107  | 104 | 102  | 99  | 95   | 89   | 76  | 67  | 56  |
| CB-CDL(F)20-10 | 11    | 15  | 142      | 28       | 2850  | DN65               | 24   |                                                                                     | 137 | 135  | 132 | 127  | 124 | 118  | 112  | 98  | 86  | 73  |
| CB-CDL(F)20-12 | 15    | 20  | 170      | 28       | 2850  | DN65               | 24   |                                                                                     | 164 | 162  | 158 | 154  | 149 | 142  | 136  | 118 | 106 | 90  |
| CB-CDL(F)20-14 | 15    | 20  | 198      | 28       | 2850  | DN65               | 24   |                                                                                     | 191 | 189  | 186 | 181  | 176 | 169  | 161  | 140 | 126 | 110 |
| CB-CDL(F)20-16 | 18.5  | 25  | 226      | 28       | 2850  | DN65               | 24   |                                                                                     | 219 | 217  | 214 | 208  | 203 | 198  | 186  | 164 | 147 | 129 |
| CB-CDL(F)20-17 | 18.5  | 25  | 242      | 28       | 2850  | DN65               | 24   |                                                                                     | 234 | 231  | 228 | 223  | 217 | 210  | 202  | 178 | 162 | 142 |



\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model             | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 12   | 16  | 20   | 24   | 28   | 30   | 32  | 36   | 40  |
|-------------------|-------|-----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|------|------|------|------|-----|------|-----|
| Three-phase       | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 200  | 266 | 333  | 400  | 466  | 500  | 533 | 600  | 666 |
| CB-CDL(F)32-10-1  | 1.5   | 2   | 18       | 40       | 2850  | DN75               | 24   |  | 14.5 | 14  | 13   | 12   | 11   | 10.5 | 10  | 9    | 7   |
| CB-CDL(F)32-10    | 2.2   | 3   | 22       | 40       | 2850  | DN75               | 24   |                                                                                     | 19   | 18  | 16.5 | 15.5 | 14.5 | 14   | 13  | 11.5 | 9.5 |
| CB-CDL(F)32-20-2  | 3     | 4   | 34       | 40       | 2850  | DN75               | 24   |                                                                                     | 30   | 28  | 26   | 24   | 22   | 21   | 19  | 16   | 14  |
| CB-CDL(F)32-20    | 4     | 5.5 | 41       | 40       | 2850  | DN75               | 24   |                                                                                     | 36   | 34  | 32   | 30   | 27   | 26   | 24  | 21   | 17  |
| CB-CDL(F)32-30-2  | 4     | 5.5 | 52       | 40       | 2850  | DN75               | 24   |                                                                                     | 48   | 45  | 42   | 39   | 36   | 34   | 32  | 27   | 21  |
| CB-CDL(F)32-30    | 5.5   | 7.5 | 59       | 40       | 2850  | DN75               | 24   |                                                                                     | 54   | 52  | 49   | 46   | 42   | 39   | 37  | 31   | 25  |
| CB-CDL(F)32-40-2T | 7.5   | 10  | 71       | 40       | 2850  | DN75               | 24   |                                                                                     | 66   | 63  | 59   | 55   | 50   | 47   | 44  | 38   | 29  |
| CB-CDL(F)32-40    | 7.5   | 10  | 78       | 40       | 2850  | DN75               | 24   |                                                                                     | 72   | 69  | 66   | 62   | 56   | 53   | 50  | 42   | 34  |
| CB-CDL(F)32-50-2  | 11    | 15  | 89       | 40       | 2850  | DN75               | 24   |                                                                                     | 84   | 80  | 76   | 71   | 64   | 61   | 57  | 48   | 37  |
| CB-CDL(F)32-50    | 11    | 15  | 98       | 40       | 2850  | DN75               | 24   |                                                                                     | 91   | 87  | 83   | 78   | 71   | 66   | 62  | 53   | 42  |
| CB-CDL(F)32-60-2  | 11    | 15  | 108      | 40       | 2850  | DN75               | 24   |                                                                                     | 101  | 97  | 92   | 87   | 79   | 75   | 70  | 59   | 47  |
| CB-CDL(F)32-60    | 11    | 15  | 114      | 40       | 2850  | DN75               | 24   |                                                                                     | 109  | 105 | 101  | 95   | 87   | 83   | 77  | 65   | 52  |
| CB-CDL(F)32-70-2  | 15    | 20  | 124      | 40       | 2850  | DN75               | 24   |                                                                                     | 119  | 115 | 110  | 105  | 96   | 90   | 84  | 71   | 57  |
| CB-CDL(F)32-70    | 15    | 20  | 132      | 40       | 2850  | DN75               | 24   |                                                                                     | 127  | 123 | 118  | 112  | 103  | 97   | 91  | 78   | 61  |
| CB-CDL(F)32-80-2  | 15    | 20  | 142      | 40       | 2850  | DN75               | 24   |                                                                                     | 136  | 132 | 127  | 120  | 110  | 104  | 97  | 82   | 66  |
| CB-CDL(F)32-80    | 15    | 20  | 148      | 40       | 2850  | DN75               | 24   |                                                                                     | 143  | 139 | 134  | 126  | 117  | 111  | 104 | 88   | 70  |
| CB-CDL(F)32-90-2  | 18.5  | 25  | 161      | 40       | 2850  | DN75               | 24   |                                                                                     | 153  | 149 | 144  | 137  | 126  | 119  | 112 | 95   | 75  |
| CB-CDL(F)32-90    | 18.5  | 25  | 168      | 40       | 2850  | DN75               | 24   |                                                                                     | 161  | 157 | 152  | 145  | 134  | 126  | 119 | 102  | 80  |
| CB-CDL(F)32-100-2 | 18.5  | 25  | 179      | 40       | 2850  | DN75               | 24   |                                                                                     | 172  | 168 | 162  | 154  | 143  | 135  | 127 | 108  | 84  |
| CB-CDL(F)32-100   | 18.5  | 25  | 184      | 40       | 2850  | DN75               | 24   |                                                                                     | 179  | 174 | 169  | 162  | 149  | 142  | 134 | 114  | 88  |

| Model            | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 25  | 30  | 35  | 40  | 45  | 50  | 55  |
|------------------|-------|-----|----------|----------|-------|--------------------|------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Three-phase      | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                             | 416 | 500 | 583 | 666 | 750 | 833 | 916 |
| CB-CDL(F)45-10-1 | 3     | 4   | 21       | 55       | 2850  | DN80               | 24   |  | 20  | 19  | 18  | 17  | 15  | 13  | 11  |
| CB-CDL(F)45-10   | 4     | 5.3 | 27       | 55       | 2850  | DN80               | 24   |                                                                                       | 24  | 23  | 22  | 21  | 19  | 18  | 16  |
| CB-CDL(F)45-20-2 | 5.5   | 7.5 | 41       | 55       | 2850  | DN80               | 24   |                                                                                       | 40  | 38  | 36  | 33  | 30  | 27  | 23  |
| CB-CDL(F)45-20   | 7.5   | 10  | 57       | 55       | 2850  | DN80               | 24   |                                                                                       | 48  | 46  | 44  | 42  | 39  | 35  | 31  |
| CB-CDL(F)45-30-2 | 11    | 15  | 67       | 55       | 2850  | DN80               | 24   |                                                                                       | 63  | 61  | 58  | 54  | 50  | 44  | 38  |
| CB-CDL(F)45-30   | 11    | 15  | 78       | 55       | 2850  | DN80               | 24   |                                                                                       | 72  | 70  | 67  | 63  | 58  | 53  | 45  |
| CB-CDL(F)45-40-2 | 15    | 20  | 92       | 55       | 2850  | DN80               | 24   |                                                                                       | 87  | 84  | 80  | 75  | 69  | 62  | 54  |
| CB-CDL(F)45-40   | 15    | 20  | 103      | 55       | 2850  | DN80               | 24   |                                                                                       | 98  | 94  | 87  | 84  | 77  | 70  | 61  |
| CB-CDL(F)45-50-2 | 18.5  | 25  | 119      | 55       | 2850  | DN80               | 24   |                                                                                       | 113 | 108 | 102 | 96  | 88  | 80  | 69  |
| CB-CDL(F)45-50   | 18.5  | 25  | 129      | 55       | 2850  | DN80               | 24   |                                                                                       | 123 | 118 | 112 | 105 | 97  | 88  | 77  |

# CB-CDL(F) PRESSURE BOOSTER SYSTEM



\*: With "F" means the water inlet and outlet section material is stainless steel, without "F" is iron.

| Model            | Power |     | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 50  | 60   | 70   | 80   | 85   | 90   | 100  | 110  |
|------------------|-------|-----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
| Three-phase      | kW    | HP  | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                         | 833 | 1000 | 1166 | 1333 | 1416 | 1500 | 1666 | 1833 |
| CB-CDL(F)90-10-1 | 5.5   | 7.5 | 27       | 110      | 2850  | DN100              | 24   |  | 22  | 20   | 18   | 16   | 15   | 13   | 10   | 6    |
| CB-CDL(F)90-10   | 7.5   | 10  | 35       | 110      | 2850  | DN100              | 24   |                                                                                   | 30  | 27   | 25   | 23   | 21   | 19   | 15   | 11   |
| CB-CDL(F)90-20-2 | 11    | 15  | 48       | 110      | 2850  | DN100              | 24   |                                                                                   | 41  | 39   | 36   | 32   | 30   | 28   | 22   | 15   |
| CB-CDL(F)90-20   | 15    | 20  | 66       | 110      | 2850  | DN100              | 24   |                                                                                   | 56  | 53   | 49   | 45   | 43   | 40   | 35   | 30   |
| CB-CDL(F)90-30-2 | 18.5  | 25  | 80       | 110      | 2850  | DN100              | 24   |                                                                                   | 68  | 65   | 60   | 55   | 52   | 49   | 41   | 33   |

| Model             | Power |    | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  |
|-------------------|-------|----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Three-phase       | kW    | HP | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                         | 1000 | 1166 | 1333 | 1500 | 1666 | 1833 | 2000 | 2166 | 2333 | 2500 |
| CB-CDL(F)120-10   | 11    | 15 | 22       | 150      | 2850  | DN125              | 24   |  | 22   | 21.8 | 21.6 | 21   | 20.5 | 19.5 | 18.5 | 17   | 16   | 15   |
| CB-CDL(F)120-20-2 | 15    | 20 | 36       | 150      | 2850  | DN125              | 24   |                                                                                   | 34   | 33.6 | 33   | 31   | 30.2 | 30   | 28.5 | 27   | 25   | 24   |
| CB-CDL(F)120-20-1 | 18.5  | 25 | 43       | 150      | 2850  | DN125              | 24   |                                                                                   | 41   | 40   | 39.5 | 38.5 | 37   | 36.5 | 34.5 | 32.5 | 30   | 27.5 |

| Model             | Power |    | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|-------|----|----------|----------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Three-phase       | kW    | HP | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                         | 1333 | 1500 | 1666 | 1833 | 2000 | 2166 | 2333 | 2500 | 2666 | 2833 | 3000 |
| CB-CDL(F)150-10-1 | 11    | 15 | 21       | 180      | 2850  | DN125              | 24   |  | 18.3 | 17.8 | 17.3 | 17   | 16   | 15   | 14   | 12.5 | 11   | 10   | 8.5  |
| CB-CDL(F)150-10   | 15    | 20 | 25       | 180      | 2850  | DN125              | 24   |                                                                                   | 24   | 23   | 22.5 | 22   | 21.5 | 20.5 | 20   | 18.5 | 17   | 16   | 15   |
| CB-CDL(F)150-20-2 | 18.5  | 25 | 40       | 180      | 2850  | DN125              | 24   |                                                                                   | 37   | 35.5 | 34   | 33   | 32   | 31   | 29   | 27.5 | 26   | 23   | 21   |

| Model             | Power |    | Max.head | Max.flow | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  |
|-------------------|-------|----|----------|----------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|
| Three-phase       | kW    | HP | m        | m³/h     | rpm   |                    | L    | Q (L/min)                                                                           | 1666 | 2000 | 2333 | 2666 | 3000 | 3333 | 3666 | 4000 |
| CB-CDL(F)200-10-B | 18.5  | 25 | 28       | 240      | 2850  | DN150              | 24   |  | 25.5 | 25   | 24   | 23   | 21.5 | 20   | 18   | 15.5 |

# CB-GTD PRESSURE BOOSTER SYSTEM

## APPLICATIONS FIELDS

The variable frequency pipeline pump consists of a pipeline pump, frequency converter, stainless steel five-way pipe, check valve, sensor, pressure gauge and pressure tank. It is an efficient and reliable frequency conversion combination product. It can realize the functions of automatic start/stop, constant pressure operation, water shortage protection and waterless protection.



Max.Head  
83.1 m

Pump Designs  
Booster set.

## Application Limits

Liquid temperature: 0℃ ~ + 90℃  
Maximum system pressure 16 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

## Applications

Pressure boosting  
Drinking Water Distribution

## USES

Clean water and chemically non- aggressive liquids.  
It is suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects, or occasions such as temporary water supply at construction sites, temporary fire protection, and small irrigation.

# CB-GTD PRESSURE BOOSTER SYSTEM



| Model            | Power |  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 2    | 4    | 6    | 8    | 10   | 12.5 | 14   | 16   |
|------------------|-------|--|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    |  | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 33   | 67   | 100  | 133  | 167  | 208  | 233  | 267  |
| CB-GTD32-18-11/2 | 1.1   |  | 8          | 18         | 2900  | DN32               |  | 19.5 | 19.4 | 19.1 | 18.7 | 17.9 | 16.7 | 14.3 |      |      |
| CB-GTD32-21-15/2 | 1.5   |  | 12.5       | 21         | 2900  | DN32               |                                                                                     | 24.7 | 24.4 | 24.1 | 23.8 | 23.4 | 22.6 | 20.9 | 19.4 | 16.6 |
| CB-GTD32-25-22/2 | 2.2   |  | 12.5       | 25         | 2900  | DN32               |                                                                                     | 28.4 | 28.3 | 28.2 | 27.9 | 27.5 | 26.7 | 24.9 | 23.4 | 20.9 |
| CB-GTD32-32-30/2 | 3     |  | 12.5       | 32         | 2900  | DN32               |                                                                                     | 34.6 | 34.2 | 34   | 33.8 | 33.6 | 33   | 31.8 | 30.6 | 28.3 |
| CB-GTD32-38-40/2 | 4     |  | 12.5       | 38         | 2900  | DN32               |                                                                                     | 40   | 39.9 | 39.8 | 39.6 | 39.3 | 38.8 | 37.8 | 36.8 | 35.2 |
| CB-GTD32-50-55/2 | 5.5   |  | 12.5       | 50         | 2900  | DN32               |                                                                                     | 51.8 | 51.7 | 51.5 | 51.3 | 51   | 50.6 | 49.9 | 49.2 | 48.1 |

| Model            | Power |  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 4    | 8    | 12.5 | 16   | 20   | 25   | 28   | 32   |
|------------------|-------|--|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    |  | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 67   | 133  | 208  | 267  | 333  | 417  | 467  | 533  |
| CB-GTD40-16-11/2 | 1.1   |  | 12.5       | 16         | 2900  | DN40               |  | 18.5 | 18   | 18.5 | 15.9 | 12.8 |      |      |      |      |
| CB-GTD40-20-15/2 | 1.5   |  | 12.5       | 20         | 2900  | DN40               |                                                                                     | 21.7 | 21.5 | 21.2 | 19.9 | 17.5 |      |      |      |      |
| CB-GTD40-18-22/2 | 2.2   |  | 20         | 18         | 2900  | DN40               |                                                                                     | 20   | 19.9 | 19.8 | 19.5 | 19   | 18   | 15.8 |      |      |
| CB-GTD40-25-30/2 | 3     |  | 20         | 25         | 2900  | DN40               |                                                                                     | 27.9 | 27.8 | 27.5 | 27   | 26.3 | 25.1 | 23   |      |      |
| CB-GTD40-30-40/2 | 4     |  | 25         | 30         | 2900  | DN40               |                                                                                     | 34   | 33.8 | 33.6 | 33.2 | 32.6 | 31.7 | 30   | 28.6 | 26.2 |
| CB-GTD40-36-55/2 | 5.5   |  | 25         | 36         | 2900  | DN40               |                                                                                     | 39.3 | 39   | 38.8 | 38.5 | 38.2 | 37.5 | 36.1 | 35   | 32.6 |
| CB-GTD40-48-75/2 | 7.5   |  | 25         | 48         | 2900  | DN40               |                                                                                     | 50   | 49.7 | 49.6 | 49.6 | 49.5 | 49.1 | 47.9 | 46.7 | 44.4 |

| Model             | Power |  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                              | 0    | 2.5  | 5    | 7.5  | 10   | 12.5 | 15   | 17.5 | 20   |
|-------------------|-------|--|------------|------------|-------|--------------------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                   | kW    |  | m³/h       | m          | rpm   |                    | Q (L/min)                                                                             | 0    | 42   | 83   | 125  | 167  | 208  | 250  | 292  | 333  |
| CB-GTD50-32-30/2  | 3     |  | 12.5       | 32         | 2900  | DN50               |  | 35   | 34.7 | 34.4 | 34.1 | 33.4 | 32.1 | 30.2 | 27.3 | 23.3 |
| CB-GTD50-38-40/2  | 4     |  | 12.5       | 38         | 2900  | DN50               |                                                                                       | 42.1 | 41.8 | 41.2 | 40.5 | 39.4 | 38   | 36.1 | 33.6 | 30.5 |
| CB-GTD50-48-55/2  | 5.5   |  | 12.5       | 48         | 2900  | DN50               |                                                                                       | 51   | 50.3 | 50   | 49.8 | 49.5 | 48.8 | 47.4 | 45.1 | 41.4 |
| CB-GTD50-58-75/2  | 7.5   |  | 12.5       | 58         | 2900  | DN50               |                                                                                       | 61.3 | 60.9 | 60.6 | 60.1 | 59.3 | 57.9 | 55.6 | 52.3 | 47.6 |
| CB-GTD50-80-110/2 | 11    |  | 12.5       | 80         | 2900  | DN50               |                                                                                       | 83.1 | 82.9 | 82.6 | 82   | 81.2 | 80   | 78.4 | 76   | 73   |

| Model             | Power |  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                              | 0    | 10   | 16   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 60   |
|-------------------|-------|--|------------|------------|-------|--------------------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                   | kW    |  | m³/h       | m          | rpm   |                    | Q (L/min)                                                                             | 0    | 167  | 267  | 333  | 417  | 500  | 583  | 667  | 750  | 833  | 1000 |
| CB-GTD50-12-11/2  | 1.1   |  | 16         | 12         | 2900  | DN50               |  | 15.6 | 14.2 | 12.3 | 10.8 |      |      |      |      |      |      |      |
| CB-GTD50-15-15/2  | 1.5   |  | 20         | 15         | 2900  | DN50               |                                                                                       | 19   | 18   | 16.5 | 15   | 12.6 |      |      |      |      |      |      |
| CB-GTD50-18-22/2  | 2.2   |  | 25         | 18         | 2900  | DN50               |                                                                                       | 23.1 | 22.2 | 21.1 | 19.9 | 17.8 | 15   |      |      |      |      |      |
| CB-GTD50-24-30/2  | 3     |  | 25         | 24         | 2900  | DN50               |                                                                                       | 26.1 | 25.9 | 25.5 | 25   | 23.9 | 22.2 |      |      |      |      |      |
| CB-GTD50-28-40/2  | 4     |  | 30         | 28         | 2900  | DN50               |                                                                                       | 31.7 | 31.3 | 31   | 30.5 | 29.5 | 27.9 | 25.6 |      |      |      |      |
| CB-GTD50-35-55/2  | 5.5   |  | 30         | 35         | 2900  | DN50               |                                                                                       | 36.9 | 36.5 | 36.4 | 36.3 | 35.8 | 34.9 | 33.5 | 31.4 |      |      |      |
| CB-GTD50-40-75/2  | 7.5   |  | 35         | 40         | 2900  | DN50               |                                                                                       | 42.7 | 42   | 41.9 | 41.8 | 41.5 | 40.9 | 39.8 | 37.9 | 35.2 |      |      |
| CB-GTD50-50-110/2 | 11    |  | 40         | 50         | 2900  | DN50               |                                                                                       | 53.6 | 53.2 | 53.1 | 52.9 | 52.6 | 52   | 51.1 | 49.9 | 48.2 | 45.8 |      |
| CB-GTD50-60-150/2 | 15    |  | 50         | 60         | 2900  | DN50               |                                                                                       | 65.8 | 65.6 | 65.7 | 65.5 | 65.2 | 64.7 | 64   | 62.9 | 61.6 | 60   | 55.2 |
| CB-GTD50-70-185/2 | 18.5  |  | 50         | 70         | 2900  | DN50               |                                                                                       | 74   | 73.4 | 73.3 | 73.2 | 73.1 | 73   | 72.7 | 72   | 71.1 | 69.7 | 65.4 |





| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                          | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   |
|------------------|-------|------------|------------|-------|--------------------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                         | 0    | 83   | 167  | 250  | 333  | 417  | 500  | 583  |
| CB-GTD65-36-55/2 | 5.5   | 25         | 36         | 2900  | DN65               |  | 38.9 | 38.2 | 38.2 | 38.3 | 37.8 | 35.8 | 31.8 | 25.2 |
| CB-GTD65-48-75/2 | 7.5   | 25         | 48         | 2900  | DN65               |                                                                                   | 50.3 | 50.4 | 50.3 | 49.9 | 49.1 | 47.7 | 45.7 | 42.9 |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                          | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   |
|-------------------|-------|------------|------------|-------|--------------------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|
|                   | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                         | 0    | 167  | 333  | 500  | 667  | 833  | 1000 | 1167 |
| CB-GTD65-15-22/2  | 2.2   | 30         | 15         | 2900  | DN65               |  | 18.5 | 17.9 | 17.1 | 15   | 10.7 |      |      |      |
| CB-GTD65-19-30/2  | 3     | 30         | 19         | 2900  | DN65               |                                                                                   | 21.9 | 21.5 | 20.8 | 19   | 15.2 |      |      |      |
| CB-GTD65-22-40/2  | 4     | 40         | 22         | 2900  | DN65               |                                                                                   | 25.4 | 25   | 24.8 | 24   | 21.8 | 17.5 |      |      |
| CB-GTD65-30-55/2  | 5.5   | 40         | 30         | 2900  | DN65               |                                                                                   | 33.2 | 32.5 | 32.2 | 31.6 | 29.8 | 26.2 |      |      |
| CB-GTD65-34-75/2  | 7.5   | 50         | 34         | 2900  | DN65               |                                                                                   | 38.8 | 38.5 | 38.3 | 37.7 | 36.4 | 33.8 | 29.6 |      |
| CB-GTD65-40-110/2 | 11    | 50         | 40         | 2900  | DN65               |                                                                                   | 43.8 | 43.3 | 42.9 | 42.4 | 41.5 | 40   | 37.6 |      |
| CB-GTD65-50-150/2 | 15    | 50         | 50         | 2900  | DN65               |                                                                                   | 53.7 | 53.6 | 53.3 | 52.7 | 51.6 | 49.9 | 47.3 |      |
| CB-GTD65-61-185/2 | 18.5  | 50         | 61         | 2900  | DN65               |                                                                                   | 63.1 | 63   | 63   | 63.1 | 62.4 | 61   | 58.6 | 54.7 |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   |
|-------------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
|                   | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 167  | 333  | 500  | 667  | 833  | 1000 | 1167 | 1333 | 1500 |
| CB-GTD80-13-30/2  | 3     | 50         | 13         | 2900  | DN80               |  | 16.5 | 16.1 | 15.8 | 15.2 | 14.3 | 12.9 | 10.9 |      |      |      |
| CB-GTD80-18-40/2  | 4     | 50         | 18         | 2900  | DN80               |                                                                                     | 21.3 | 21.1 | 20.7 | 20.2 | 19.3 | 18   | 16   | 13.3 |      |      |
| CB-GTD80-22-55/2  | 5.5   | 50         | 22         | 2900  | DN80               |                                                                                     | 24.6 | 24.4 | 24.2 | 23.8 | 23.1 | 21.9 | 20.3 | 18   | 14.9 |      |
| CB-GTD80-28-75/2  | 7.5   | 50         | 28         | 2900  | DN80               |                                                                                     | 30.8 | 30.6 | 30.4 | 30   | 29.2 | 28.1 | 26.3 | 23.8 | 20.6 |      |
| CB-GTD80-30-110/2 | 11    | 80         | 30         | 2900  | DN80               |                                                                                     | 35.1 | 34.9 | 34.7 | 34.4 | 34   | 33.5 | 32.7 | 31.6 | 30.2 | 28.4 |
| CB-GTD80-38-150/2 | 15    | 80         | 38         | 2900  | DN80               |                                                                                     | 41.2 | 41.1 | 41.1 | 41   | 41   | 40.7 | 40.2 | 39.2 | 37.8 | 35.9 |
| CB-GTD80-40-110/2 | 11    | 50         | 40         | 2900  | DN80               |                                                                                     | 42.8 | 42.7 | 42.8 | 42.7 | 41.8 | 39.9 | 36.5 |      |      |      |
| CB-GTD80-47-185/2 | 18.5  | 80         | 47         | 2900  | DN80               |                                                                                     | 50.7 | 50.3 | 50.2 | 50.1 | 50   | 49.7 | 49.2 | 48.2 | 46.8 | 44.8 |
| CB-GTD80-48-150/2 | 15    | 50         | 48         | 2900  | DN80               |                                                                                     | 50.7 | 50.4 | 50.4 | 50.2 | 49.6 | 47.9 | 44.8 | 40.2 |      |      |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  |
|--------------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 333  | 500  | 667  | 833  | 1000 | 1167 | 1333 | 1500 | 1667 | 1833 | 2000 |
| CB-GTD100-9-24/2   | 2.4   | 50         | 9          | 2900  | DN100              |  | 14.3 | 13.3 | 12.1 | 10.7 | 9    | 7.2  | 5.4  |      |      |      |      |      |
| CB-GTD100-15-40/2  | 4     | 60         | 15         | 2900  | DN100              |                                                                                     | 18.8 | 18.2 | 17.7 | 17.1 | 16.2 | 15   | 13.3 | 11.1 |      |      |      |      |
| CB-GTD100-17-55/2  | 5.5   | 80         | 17         | 2900  | DN100              |                                                                                     | 21.9 | 21.3 | 21   | 20.6 | 20   | 19.2 | 18.1 | 16.7 | 15   | 12.8 | 10.2 |      |
| CB-GTD100-22-75/2  | 7.5   | 80         | 22         | 2900  | DN100              |                                                                                     | 26.9 | 26.6 | 26.3 | 25.9 | 25.3 | 24.5 | 23.3 | 22   | 20.3 | 18.2 | 15.7 |      |
| CB-GTD100-25-110/2 | 11    | 100        | 25         | 2900  | DN100              |                                                                                     | 29.4 | 29   | 28.8 | 28.6 | 28.4 | 28.1 | 27.6 | 27   | 26.1 | 25   | 23.6 | 21.9 |
| CB-GTD100-27-110/2 | 11    | 100        | 27         | 2900  | DN100              |                                                                                     | 31.8 | 31.2 | 31.1 | 30.9 | 30.7 | 30.3 | 29.9 | 29.2 | 28.2 | 27   | 25.4 | 23.4 |
| CB-GTD100-32-150/2 | 15    | 100        | 32         | 2900  | DN100              |                                                                                     | 36.3 | 35.9 | 35.7 | 35.5 | 35.1 | 34.7 | 34.2 | 33.6 | 32.9 | 32   | 30.7 | 29.2 |
| CB-GTD100-33-150/2 | 15    | 100        | 33         | 2900  | DN100              |                                                                                     | 37.9 | 37   | 36.7 | 36.4 | 36.1 | 35.7 | 35.3 | 34.7 | 34   | 33   | 31.8 | 30.2 |
| CB-GTD100-40-185/2 | 18.5  | 100        | 40         | 2900  | DN100              |                                                                                     | 43.5 | 43.1 | 43   | 42.9 | 42.7 | 42.5 | 42.1 | 41.6 | 40.9 | 40   | 38.8 | 37.  |



| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  |
|--------------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 667  | 1000 | 1333 | 1667 | 2000 | 2333 | 2667 | 3000 | 3333 |
| CB-GTD125-11-55/4  | 5.5   | 120        | 11         | 2900  | DN125              |  | 13   | 12.9 | 12.7 | 12.4 | 11.8 | 11   | 9.8  | 8.2  |      |      |
| CB-GTD125-14-75/4  | 7.5   | 120        | 14         | 2900  | DN125              |                                                                                     | 16.3 | 16.1 | 15.9 | 15.5 | 14.9 | 14   | 12.8 | 11.2 |      |      |
| CB-GTD125-18-110/4 | 11    | 160        | 18         | 2900  | DN125              |                                                                                     | 22   | 21.5 | 21.3 | 21   | 20.6 | 20   | 19.1 | 17.9 | 16.3 | 14.2 |
| CB-GTD125-20-110/4 | 11    | 120        | 20         | 2900  | DN125              |                                                                                     | 23   | 22.6 | 22.4 | 22.2 | 21.8 | 20.9 | 20   | 18.5 |      |      |
| CB-GTD125-22-150/4 | 15    | 160        | 22         | 2900  | DN125              |                                                                                     | 26.9 | 26.7 | 26.5 | 26.2 | 25.7 | 25   | 23.7 | 22   | 19.7 | 16.8 |
| CB-GTD125-28-185/4 | 18.5  | 160        | 28         | 2900  | DN125              |                                                                                     | 31.3 | 30.7 | 30.8 | 30.8 | 30.7 | 30.2 | 29.3 | 27.8 | 25.5 | 22.4 |

| Model                | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 0    | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  |
|----------------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
|                      | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 0    | 1333 | 1667 | 2000 | 2333 | 2667 | 3000 | 3333 | 3667 | 4000 |
| CB-GTD150-12.5-110/4 | 11    | 200        | 12.5       | 2900  | DN150              |  | 14.8 | 14.6 | 14.6 | 14.5 | 14.3 | 13.9 | 13.3 | 12.3 | 11   | 9.4  |
| CB-GTD150-15-110/4   | 11    | 200        | 15         | 2900  | DN150              |                                                                                     | 18.8 | 18.7 | 18.6 | 18.5 | 18.1 | 17.5 | 16.7 | 15   | 12.5 | 9.1  |
| CB-GTD150-17-150/4   | 15    | 200        | 17         | 2900  | DN150              |                                                                                     | 19   | 18.8 | 18.7 | 18.6 | 18.5 | 18.2 | 17.7 | 17   | 16.1 | 15   |
| CB-GTD150-18-150/4   | 15    | 200        | 18         | 2900  | DN150              |                                                                                     | 21   | 20.5 | 20.3 | 20.2 | 19.9 | 19.5 | 19   | 18   | 16.4 | 13.3 |
| CB-GTD150-20-185/4   | 18.5  | 220        | 20         | 2900  | DN150              |                                                                                     | 21.2 | 21.3 | 21.3 | 21.1 | 21   | 20.9 | 20.6 | 20   | 18.8 | 17   |
| CB-GTD150-21-185/4   | 18.5  | 200        | 21         | 2900  | DN150              |                                                                                     | 23.7 | 23.1 | 23   | 22.9 | 22.7 | 22.3 | 21.7 | 20.8 | 19.6 | 18.1 |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)  | 0    | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  | 360  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|------|------|------|------|------|------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    | Q (L/min) | 0    | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 |
| CB-GTD200-15-185/4 | 18.5  | 300        | 15         | 2900  | DN200              | H(m)      | 18.2 | 17.8 | 17.6 | 17.3 | 16.9 | 16.4 | 15.7 | 15   | 14   | 12.9 |

APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2-6 parallel connected pumps, integrated advanced controller and all necessary. The booster system with frequency- controlled pumps. The frequency converter of this series of pump set is a back- to- back type. The sets are maintain a constant pressure through continuous adjustment of the speed of the pumps. The system performance is adapted to the demand through cutting in/ out the required number of pumps and through parallel control of the pumps in operation.

Max.Head  
133 m

Pump Designs  
Booster set.

Application Limits

Liquid temperature: 0°C ~ +60°C  
Maximum system pressure 16 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting  
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.  
Irrigation: Playing fields in general ( football, golf, etc), agriculture, artificial snow systems.





CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 4    | 6    | 8    |
|------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|------|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 67   | 100  | 133  |
| CBE-2-CDL(F)3-2  | 2×0.37 | 2×3        | 8.5        | 2850  | 2"                 | 24        |  | 12.5 | 10.5 | 8.5  | 6    |
| CBE-2-CDL(F)3-4  | 2×0.37 | 2×3        | 17.5       | 2850  | 2"                 | 24        |                                                                                   | 25.5 | 21.5 | 17.5 | 11   |
| CBE-2-CDL(F)3-5  | 2×0.37 | 2×3        | 22         | 2850  | 2"                 | 24        |                                                                                   | 31.5 | 27   | 22   | 14   |
| CBE-2-CDL(F)3-7  | 2×0.55 | 2×3        | 30.5       | 2850  | 2"                 | 24        |                                                                                   | 45   | 39   | 30.5 | 19.5 |
| CBE-2-CDL(F)3-8  | 2×0.75 | 2×3        | 35         | 2850  | 2"                 | 24        |                                                                                   | 51   | 44   | 35   | 22.5 |
| CBE-2-CDL(F)3-10 | 2×0.75 | 2×3        | 43         | 2850  | 2"                 | 24        |                                                                                   | 62.5 | 55   | 43   | 28   |
| CBE-2-CDL(F)3-11 | 2×1.1  | 2×3        | 48         | 2850  | 2"                 | 24        |                                                                                   | 70   | 60   | 48   | 30.5 |
| CBE-2-CDL(F)3-15 | 2×1.1  | 2×3        | 68.5       | 2850  | 2"                 | 24        |                                                                                   | 93   | 82   | 68.5 | 44   |
| CBE-2-CDL(F)3-19 | 2×3    | 2×3        | 88         | 2850  | 2"                 | 24        |                                                                                   | 118  | 104  | 88   | 58   |
|                  |        |            |            |       |                    |           |                                                                                   |      |      |      |      |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 6    | 9    | 12   |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 100  | 150  | 200  |
| CBE-3-CDL(F)3-2  | 3×0.37 | 3×3        | 8.5        | 2850  | 2"                 | 24        |  | 12.5 | 10.5 | 8.5  | 6    |
| CBE-3-CDL(F)3-4  | 3×0.37 | 3×3        | 17.5       | 2850  | 2"                 | 24        |                                                                                     | 25.5 | 21.5 | 17.5 | 11   |
| CBE-3-CDL(F)3-5  | 3×0.37 | 3×3        | 22         | 2850  | 2"                 | 24        |                                                                                     | 31.5 | 27   | 22   | 14   |
| CBE-3-CDL(F)3-7  | 3×0.55 | 3×3        | 30.5       | 2850  | 2"                 | 24        |                                                                                     | 45   | 39   | 30.5 | 19.5 |
| CBE-3-CDL(F)3-8  | 3×0.75 | 3×3        | 35         | 2850  | 2"                 | 24        |                                                                                     | 51   | 44   | 35   | 22.5 |
| CBE-3-CDL(F)3-10 | 3×0.75 | 3×3        | 43         | 2850  | 2"                 | 24        |                                                                                     | 62.5 | 55   | 43   | 28   |
| CBE-3-CDL(F)3-11 | 3×1.1  | 3×3        | 48         | 2850  | 2"                 | 24        |                                                                                     | 70   | 60   | 48   | 30.5 |
| CBE-3-CDL(F)3-15 | 3×1.1  | 3×3        | 68.5       | 2850  | 2"                 | 24        |                                                                                     | 93   | 82   | 68.5 | 44   |
| CBE-3-CDL(F)3-19 | 3×3    | 3×3        | 88         | 2850  | 2"                 | 24        |                                                                                     | 118  | 104  | 88   | 58   |
|                  |        |            |            |       |                    |           |                                                                                     |      |      |      |      |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 8    | 12   | 16   |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 133  | 200  | 267  |
| CBE-4-CDL(F)3-2  | 4×0.37 | 4×3        | 8.5        | 2850  | 2 1/2"             | 50        |  | 12.5 | 10.5 | 8.5  | 6    |
| CBE-4-CDL(F)3-4  | 4×0.37 | 4×3        | 17.5       | 2850  | 2 1/2"             | 50        |                                                                                     | 25.5 | 21.5 | 17.5 | 11   |
| CBE-4-CDL(F)3-5  | 4×0.37 | 4×3        | 22         | 2850  | 2 1/2"             | 50        |                                                                                     | 31.5 | 27   | 22   | 14   |
| CBE-4-CDL(F)3-7  | 4×0.55 | 4×3        | 30.5       | 2850  | 2 1/2"             | 50        |                                                                                     | 45   | 39   | 30.5 | 19.5 |
| CBE-4-CDL(F)3-8  | 4×0.75 | 4×3        | 35         | 2850  | 2 1/2"             | 50        |                                                                                     | 51   | 44   | 35   | 22.5 |
| CBE-4-CDL(F)3-10 | 4×0.75 | 4×3        | 43         | 2850  | 2 1/2"             | 50        |                                                                                     | 62.5 | 55   | 43   | 28   |
| CBE-4-CDL(F)3-11 | 4×1.1  | 4×3        | 48         | 2850  | 2 1/2"             | 50        |                                                                                     | 70   | 60   | 48   | 30.5 |
| CBE-4-CDL(F)3-15 | 4×1.1  | 4×3        | 68.5       | 2850  | 2 1/2"             | 50        |                                                                                     | 93   | 82   | 68.5 | 44   |
| CBE-4-CDL(F)3-19 | 4×3    | 4×3        | 88         | 2850  | 2 1/2"             | 50        |                                                                                     | 118  | 104  | 88   | 58   |
|                  |        |            |            |       |                    |           |                                                                                     |      |      |      |      |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 4    | 6    | 8    | 10   | 12   | 14   | 16  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 67   | 100  | 133  | 167  | 200  | 233  | 267 |
| CBE-2-CDL(F)5-2  | 2×0.37 | 2×5        | 11         | 2850  | 2"                 | 24        |  | 15.5 | 14   | 13   | 12   | 11   | 9    | 7.5  | 6   |
| CBE-2-CDL(F)5-4  | 2×0.55 | 2×5        | 20         | 2850  | 2"                 | 24        |                                                                                     | 26   | 24.5 | 23   | 22.5 | 20   | 17   | 14   | 11  |
| CBE-2-CDL(F)5-5  | 2×0.75 | 2×5        | 24.5       | 2850  | 2"                 | 24        |                                                                                     | 32   | 30.5 | 29   | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBE-2-CDL(F)5-8  | 2×1.1  | 2×5        | 40         | 2850  | 2"                 | 24        |                                                                                     | 52   | 49   | 47   | 44   | 40   | 36   | 30   | 24  |
| CBE-2-CDL(F)5-9  | 2×1.5  | 2×5        | 45         | 2850  | 2"                 | 24        |                                                                                     | 59.5 | 56   | 53   | 50   | 45   | 40   | 33.5 | 27  |
| CBE-2-CDL(F)5-10 | 2×1.5  | 2×5        | 50         | 2850  | 2"                 | 24        |                                                                                     | 65   | 62   | 59   | 55   | 50   | 44   | 37   | 30  |
| CBE-2-CDL(F)5-12 | 2×2.2  | 2×5        | 62         | 2850  | 2"                 | 24        |                                                                                     | 80   | 75   | 72.5 | 68   | 62   | 54   | 45   | 36  |
| CBE-2-CDL(F)5-14 | 2×2.2  | 2×5        | 74         | 2850  | 2"                 | 24        |                                                                                     | 94   | 89   | 85   | 81   | 74   | 65   | 54   | 42  |
| CBE-2-CDL(F)5-16 | 2×2.2  | 2×5        | 85         | 2850  | 2"                 | 24        |                                                                                     | 108  | 103  | 100  | 94   | 85   | 75   | 63   | 48  |
| CBE-2-CDL(F)5-20 | 2×3    | 2×5        | 105        | 2850  | 2"                 | 24        |                                                                                     | 133  | 129  | 122  | 115  | 105  | 94   | 78   | 60  |
|                  |        |            |            |       |                    |           |                                                                                     |      |      |      |      |      |      |      |     |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 6    | 9    | 12   | 15   | 18   | 21   | 24  |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 100  | 150  | 200  | 250  | 300  | 350  | 400 |
| CBE-3-CDL(F)5-2  | 3×0.37 | 3×5        | 11         | 2850  | 2"                 | 24        |  | 15.5 | 14   | 13   | 12   | 11   | 9    | 7.5  | 6   |
| CBE-3-CDL(F)5-4  | 3×0.55 | 3×5        | 20         | 2850  | 2"                 | 24        |                                                                                       | 26   | 24.5 | 23   | 22.5 | 20   | 17   | 14   | 11  |
| CBE-3-CDL(F)5-5  | 3×0.75 | 3×5        | 24.5       | 2850  | 2"                 | 24        |                                                                                       | 32   | 30.5 | 29   | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBE-3-CDL(F)5-8  | 3×1.1  | 3×5        | 40         | 2850  | 2"                 | 24        |                                                                                       | 52   | 49   | 47   | 44   | 40   | 36   | 30   | 24  |
| CBE-3-CDL(F)5-9  | 3×1.5  | 3×5        | 45         | 2850  | 2"                 | 24        |                                                                                       | 59.5 | 56   | 53   | 50   | 45   | 40   | 33.5 | 27  |
| CBE-3-CDL(F)5-10 | 3×1.5  | 3×5        | 50         | 2850  | 2"                 | 24        |                                                                                       | 65   | 62   | 59   | 55   | 50   | 44   | 37   | 30  |
| CBE-3-CDL(F)5-12 | 3×2.2  | 3×5        | 62         | 2850  | 2"                 | 24        |                                                                                       | 80   | 75   | 72.5 | 68   | 62   | 54   | 45   | 36  |
| CBE-3-CDL(F)5-14 | 3×2.2  | 3×5        | 74         | 2850  | 2"                 | 24        |                                                                                       | 94   | 89   | 85   | 81   | 74   | 65   | 54   | 42  |
| CBE-3-CDL(F)5-16 | 3×2.2  | 3×5        | 85         | 2850  | 2"                 | 24        |                                                                                       | 108  | 103  | 100  | 94   | 85   | 75   | 63   | 48  |
| CBE-3-CDL(F)5-20 | 3×3    | 3×5        | 105        | 2850  | 2"                 | 24        |                                                                                       | 133  | 129  | 122  | 115  | 105  | 94   | 78   | 60  |
|                  |        |            |            |       |                    |           |                                                                                       |      |      |      |      |      |      |      |     |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 8    | 12   | 16   | 20   | 24   | 28   | 32  |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 133  | 200  | 267  | 333  | 400  | 467  | 533 |
| CBE-4-CDL(F)5-2  | 4×0.37 | 4×5        | 11         | 2850  | 2 1/2"             | 50        |  | 15.5 | 14   | 13   | 12   | 11   | 9    | 7.5  | 6   |
| CBE-4-CDL(F)5-4  | 4×0.55 | 4×5        | 20         | 2850  | 2 1/2"             | 50        |                                                                                       | 26   | 24.5 | 23   | 22.5 | 20   | 17   | 14   | 11  |
| CBE-4-CDL(F)5-5  | 4×0.75 | 4×5        | 24.5       | 2850  | 2 1/2"             | 50        |                                                                                       | 32   | 30.5 | 29   | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBE-4-CDL(F)5-8  | 4×1.1  | 4×5        | 40         | 2850  | 2 1/2"             | 50        |                                                                                       | 52   | 49   | 47   | 44   | 40   | 36   | 30   | 24  |
| CBE-4-CDL(F)5-9  | 4×1.5  | 4×5        | 45         | 2850  | 2 1/2"             | 50        |                                                                                       | 59.5 | 56   | 53   | 50   | 45   | 40   | 33.5 | 27  |
| CBE-4-CDL(F)5-10 | 4×1.5  | 4×5        | 50         | 2850  | 2 1/2"             | 50        |                                                                                       | 65   | 62   | 59   | 55   | 50   | 44   | 37   | 30  |
| CBE-4-CDL(F)5-12 | 4×2.2  | 4×5        | 62         | 2850  | 2 1/2"             | 50        |                                                                                       | 80   | 75   | 72.5 | 68   | 62   | 54   | 45   | 36  |
| CBE-4-CDL(F)5-14 | 4×2.2  | 4×5        | 74         | 2850  | 2 1/2"             | 50        |                                                                                       | 94   | 89   | 85   | 81   | 74   | 65   | 54   | 42  |
| CBE-4-CDL(F)5-16 | 4×2.2  | 4×5        | 85         | 2850  | 2 1/2"             | 50        |                                                                                       | 108  | 103  | 100  | 94   | 85   | 75   | 63   | 48  |
| CBE-4-CDL(F)5-20 | 4×3    | 4×5        | 105        | 2850  | 2 1/2"             | 50        |                                                                                       | 133  | 129  | 122  | 115  | 105  | 94   | 78   | 60  |
|                  |        |            |            |       |                    |           |                                                                                       |      |      |      |      |      |      |      |     |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model             | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 16  | 20  | 24  | 28  |
|-------------------|--------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 267 | 333 | 400 | 467 |
| CBE-2-CDL(F)10-1  | 2×0.37 | 2×10       | 8.5        | 2850  | 2 1/2"             | 50   |  | 14   | 9.5 | 8.5 | 7   | 6   |
| CBE-2-CDL(F)10-2  | 2×0.75 | 2×10       | 16         | 2850  | 2 1/2"             | 50   |                                                                                   | 24   | 18  | 16  | 13  | 10  |
| CBE-2-CDL(F)10-3  | 2×1.1  | 2×10       | 25         | 2850  | 2 1/2"             | 50   |                                                                                   | 34   | 28  | 25  | 21  | 16  |
| CBE-2-CDL(F)10-4  | 2×1.5  | 2×10       | 32         | 2850  | 2 1/2"             | 50   |                                                                                   | 44   | 37  | 32  | 27  | 20  |
| CBE-2-CDL(F)10-5  | 2×2.2  | 2×10       | 39         | 2850  | 2 1/2"             | 50   |                                                                                   | 53.5 | 44  | 39  | 32  | 24  |
| CBE-2-CDL(F)10-6  | 2×2.2  | 2×10       | 46         | 2850  | 2 1/2"             | 50   |                                                                                   | 63.5 | 53  | 46  | 38  | 28  |
| CBE-2-CDL(F)10-9  | 2×3    | 2×10       | 71         | 2850  | 2 1/2"             | 50   |                                                                                   | 94   | 81  | 71  | 59  | 42  |
| CBE-2-CDL(F)10-12 | 2×4    | 2×10       | 95         | 2850  | 2 1/2"             | 50   |                                                                                   | 125  | 108 | 95  | 78  | 55  |

| Model             | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 24  | 30  | 36  | 42  |
|-------------------|--------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 400 | 500 | 600 | 700 |
| CBE-3-CDL(F)10-1  | 3×0.37 | 3×10       | 8.5        | 2850  | DN80               | 50   |  | 14   | 9.5 | 8.5 | 7   | 6   |
| CBE-3-CDL(F)10-2  | 3×0.75 | 3×10       | 16         | 2850  | DN80               | 50   |                                                                                   | 24   | 18  | 16  | 13  | 10  |
| CBE-3-CDL(F)10-3  | 3×1.1  | 3×10       | 25         | 2850  | DN80               | 50   |                                                                                   | 34   | 28  | 25  | 21  | 16  |
| CBE-3-CDL(F)10-4  | 3×1.5  | 3×10       | 32         | 2850  | DN80               | 50   |                                                                                   | 44   | 37  | 32  | 27  | 20  |
| CBE-3-CDL(F)10-5  | 3×2.2  | 3×10       | 39         | 2850  | DN80               | 50   |                                                                                   | 53.5 | 44  | 39  | 32  | 24  |
| CBE-3-CDL(F)10-6  | 3×2.2  | 3×10       | 46         | 2850  | DN80               | 50   |                                                                                   | 63.5 | 53  | 46  | 38  | 28  |
| CBE-3-CDL(F)10-9  | 3×3    | 3×10       | 71         | 2850  | DN80               | 50   |                                                                                   | 94   | 81  | 71  | 59  | 42  |
| CBE-3-CDL(F)10-12 | 3×4    | 3×10       | 95         | 2850  | DN80               | 50   |                                                                                   | 125  | 108 | 95  | 78  | 55  |

| Model             | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 32  | 40  | 48  | 56  |
|-------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 533 | 667 | 800 | 933 |
| CBE-4-CDL(F)10-1  | 4×0.37 | 4×10       | 8.5        | 2850  | DN80               | 80   |  | 14   | 9.5 | 8.5 | 7   | 6   |
| CBE-4-CDL(F)10-2  | 4×0.75 | 4×10       | 16         | 2850  | DN80               | 80   |                                                                                     | 24   | 18  | 16  | 13  | 10  |
| CBE-4-CDL(F)10-3  | 4×1.1  | 4×10       | 25         | 2850  | DN80               | 80   |                                                                                     | 34   | 28  | 25  | 21  | 16  |
| CBE-4-CDL(F)10-4  | 4×1.5  | 4×10       | 32         | 2850  | DN80               | 80   |                                                                                     | 44   | 37  | 32  | 27  | 20  |
| CBE-4-CDL(F)10-5  | 4×2.2  | 4×10       | 39         | 2850  | DN80               | 80   |                                                                                     | 53.5 | 44  | 39  | 32  | 24  |
| CBE-4-CDL(F)10-6  | 4×2.2  | 4×10       | 46         | 2850  | DN80               | 80   |                                                                                     | 63.5 | 53  | 46  | 38  | 28  |
| CBE-4-CDL(F)10-9  | 4×3    | 4×10       | 71         | 2850  | DN80               | 80   |                                                                                     | 94   | 81  | 71  | 59  | 42  |
| CBE-4-CDL(F)10-12 | 4×4    | 4×10       | 95         | 2850  | DN80               | 80   |                                                                                     | 125  | 108 | 95  | 78  | 55  |

| Model             | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 40  | 50  | 60   | 70   |
|-------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|------|------|
|                   | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 667 | 833 | 1000 | 1167 |
| CBE-5-CDL(F)10-1  | 5×0.37 | 5×10       | 8.5        | 2850  | DN100              | 80   |  | 14   | 9.5 | 8.5 | 7    | 6    |
| CBE-5-CDL(F)10-2  | 5×0.75 | 5×10       | 16         | 2850  | DN100              | 80   |                                                                                     | 24   | 18  | 16  | 13   | 10   |
| CBE-5-CDL(F)10-3  | 5×1.1  | 5×10       | 25         | 2850  | DN100              | 80   |                                                                                     | 34   | 28  | 25  | 21   | 16   |
| CBE-5-CDL(F)10-4  | 5×1.5  | 5×10       | 32         | 2850  | DN100              | 80   |                                                                                     | 44   | 37  | 32  | 27   | 20   |
| CBE-5-CDL(F)10-5  | 5×2.2  | 5×10       | 39         | 2850  | DN100              | 80   |                                                                                     | 53.5 | 44  | 39  | 32   | 24   |
| CBE-5-CDL(F)10-6  | 5×2.2  | 5×10       | 46         | 2850  | DN100              | 80   |                                                                                     | 63.5 | 53  | 46  | 38   | 28   |
| CBE-5-CDL(F)10-9  | 5×3    | 5×10       | 71         | 2850  | DN100              | 80   |                                                                                     | 94   | 81  | 71  | 59   | 42   |
| CBE-5-CDL(F)10-12 | 5×4    | 5×10       | 95         | 2850  | DN100              | 80   |                                                                                     | 125  | 108 | 95  | 78   | 55   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model             | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 48  | 60   | 72   | 84   |
|-------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|------|------|------|
|                   | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 800 | 1000 | 1200 | 1400 |
| CBE-6-CDL(F)10-1  | 6×0.37 | 6×10       | 8.5        | 2850  | DN100              | 80   |  | 14   | 9.5 | 8.5  | 7    | 6    |
| CBE-6-CDL(F)10-2  | 6×0.75 | 6×10       | 16         | 2850  | DN100              | 80   |                                                                                     | 24   | 18  | 16   | 13   | 10   |
| CBE-6-CDL(F)10-3  | 6×1.1  | 6×10       | 25         | 2850  | DN100              | 80   |                                                                                     | 34   | 28  | 25   | 21   | 16   |
| CBE-6-CDL(F)10-4  | 6×1.5  | 6×10       | 32         | 2850  | DN100              | 80   |                                                                                     | 44   | 37  | 32   | 27   | 20   |
| CBE-6-CDL(F)10-5  | 6×2.2  | 6×10       | 39         | 2850  | DN100              | 80   |                                                                                     | 53.5 | 44  | 39   | 32   | 24   |
| CBE-6-CDL(F)10-6  | 6×2.2  | 6×10       | 46         | 2850  | DN100              | 80   |                                                                                     | 63.5 | 53  | 46   | 38   | 28   |
| CBE-6-CDL(F)10-9  | 6×3    | 6×10       | 71         | 2850  | DN100              | 80   |                                                                                     | 94   | 81  | 71   | 59   | 42   |
| CBE-6-CDL(F)10-12 | 6×4    | 6×10       | 95         | 2850  | DN100              | 80   |                                                                                     | 125  | 108 | 95   | 78   | 55   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 16  | 20  | 24  | 28   | 32   | 36  | 40  | 48  |
|------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|-----|------|------|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 267 | 333 | 400 | 466  | 533  | 600 | 667 | 800 |
| CBE-2-CDL(F)16-1 | 2×1.1 | 2×16       | 10.5       | 2850  | DN80               | 50   |  | 16   | 14  | 13  | 12  | 11.5 | 10.5 | 10  | 9   | 7   |
| CBE-2-CDL(F)16-2 | 2×2.2 | 2×16       | 21         | 2850  | DN80               | 50   |                                                                                     | 29   | 26  | 25  | 24  | 23   | 21   | 20  | 18  | 14  |
| CBE-2-CDL(F)16-3 | 2×3   | 2×16       | 31         | 2850  | DN80               | 50   |                                                                                     | 42.5 | 39  | 38  | 37  | 34   | 31   | 29  | 27  | 20  |
| CBE-2-CDL(F)16-4 | 2×4   | 2×16       | 43         | 2850  | DN80               | 50   |                                                                                     | 58   | 52  | 50  | 48  | 46   | 43   | 40  | 36  | 26  |
| CBE-2-CDL(F)16-5 | 2×4   | 2×16       | 54         | 2850  | DN80               | 50   |                                                                                     | 71   | 66  | 64  | 61  | 58   | 54   | 50  | 45  | 33  |
| CBE-2-CDL(F)16-7 | 2×5.5 | 2×16       | 78         | 2850  | DN80               | 50   |                                                                                     | 99   | 94  | 92  | 88  | 83   | 78   | 71  | 64  | 50  |
| CBE-2-CDL(F)16-9 | 2×7.5 | 2×16       | 98         | 2850  | DN80               | 50   |                                                                                     | 127  | 122 | 119 | 115 | 109  | 98   | 93  | 87  | 66  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 24  | 30  | 36  | 42   | 48   | 54  | 60   | 72   |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|-----|-----|------|------|-----|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 400 | 500 | 600 | 700  | 800  | 900 | 1000 | 1200 |
| CBE-3-CDL(F)16-1 | 3×1.1 | 3×16       | 10.5       | 2850  | DN100              | 80   |  | 16   | 14  | 13  | 12  | 11.5 | 10.5 | 10  | 9    | 7    |
| CBE-3-CDL(F)16-2 | 3×2.2 | 3×16       | 21         | 2850  | DN100              | 80   |                                                                                       | 29   | 26  | 25  | 24  | 23   | 21   | 20  | 18   | 14   |
| CBE-3-CDL(F)16-3 | 3×3   | 3×16       | 31         | 2850  | DN100              | 80   |                                                                                       | 42.5 | 39  | 38  | 37  | 34   | 31   | 29  | 27   | 20   |
| CBE-3-CDL(F)16-4 | 3×4   | 3×16       | 43         | 2850  | DN100              | 80   |                                                                                       | 58   | 52  | 50  | 48  | 46   | 43   | 40  | 36   | 26   |
| CBE-3-CDL(F)16-5 | 3×4   | 3×16       | 54         | 2850  | DN100              | 80   |                                                                                       | 71   | 66  | 64  | 61  | 58   | 54   | 50  | 45   | 33   |
| CBE-3-CDL(F)16-7 | 3×5.5 | 3×16       | 78         | 2850  | DN100              | 80   |                                                                                       | 99   | 94  | 92  | 88  | 83   | 78   | 71  | 64   | 50   |
| CBE-3-CDL(F)16-9 | 3×7.5 | 3×16       | 98         | 2850  | DN100              | 80   |                                                                                       | 127  | 122 | 119 | 115 | 109  | 98   | 93  | 87   | 66   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 32  | 40  | 48  | 56   | 64   | 72   | 80   | 96   |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|-----|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 533 | 667 | 800 | 933  | 1067 | 1200 | 1333 | 1600 |
| CBE-4-CDL(F)16-1 | 4×1.1 | 4×16       | 10.5       | 2850  | DN100              | 80   |  | 16   | 14  | 13  | 12  | 11.5 | 10.5 | 10   | 9    | 7    |
| CBE-4-CDL(F)16-2 | 4×2.2 | 4×16       | 21         | 2850  | DN100              | 80   |                                                                                       | 29   | 26  | 25  | 24  | 23   | 21   | 20   | 18   | 14   |
| CBE-4-CDL(F)16-3 | 4×3   | 4×16       | 31         | 2850  | DN100              | 80   |                                                                                       | 42.5 | 39  | 38  | 37  | 34   | 31   | 29   | 27   | 20   |
| CBE-4-CDL(F)16-4 | 4×4   | 4×16       | 43         | 2850  | DN100              | 80   |                                                                                       | 58   | 52  | 50  | 48  | 46   | 43   | 40   | 36   | 26   |
| CBE-4-CDL(F)16-5 | 4×4   | 4×16       | 54         | 2850  | DN100              | 80   |                                                                                       | 71   | 66  | 64  | 61  | 58   | 54   | 50   | 45   | 33   |
| CBE-4-CDL(F)16-7 | 4×5.5 | 4×16       | 78         | 2850  | DN100              | 80   |                                                                                       | 99   | 94  | 92  | 88  | 83   | 78   | 71   | 64   | 50   |
| CBE-4-CDL(F)16-9 | 4×7.5 | 4×16       | 98         | 2850  | DN100              | 80   |                                                                                       | 127  | 122 | 119 | 115 | 109  | 98   | 93   | 87   | 66   |





CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 40  | 50  | 60   | 70   | 80   | 90   | 100  | 120 |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|-----|-----|------|------|------|------|------|-----|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 667 | 833 | 1000 | 1167 | 1333 | 1500 | 1667 | 200 |
| CBE-5-CDL(F)16-1 | 5×1.1 | 5×16       | 10.5       | 2850  | DN150              | 80        |  | 16   | 14  | 13  | 12   | 11.5 | 10.5 | 10   | 9    | 7   |
| CBE-5-CDL(F)16-2 | 5×2.2 | 5×16       | 21         | 2850  | DN150              | 80        |                                                                                   | 29   | 26  | 25  | 24   | 23   | 21   | 20   | 18   | 14  |
| CBE-5-CDL(F)16-3 | 5×3   | 5×16       | 31         | 2850  | DN150              | 80        |                                                                                   | 42.5 | 39  | 38  | 37   | 34   | 31   | 29   | 27   | 20  |
| CBE-5-CDL(F)16-4 | 5×4   | 5×16       | 43         | 2850  | DN150              | 80        |                                                                                   | 58   | 52  | 50  | 48   | 46   | 43   | 40   | 36   | 26  |
| CBE-5-CDL(F)16-5 | 5×4   | 5×16       | 54         | 2850  | DN150              | 80        |                                                                                   | 71   | 66  | 64  | 61   | 58   | 54   | 50   | 45   | 33  |
| CBE-5-CDL(F)16-7 | 5×5.5 | 5×16       | 78         | 2850  | DN150              | 80        |                                                                                   | 99   | 94  | 92  | 88   | 83   | 78   | 71   | 64   | 50  |
| CBE-5-CDL(F)16-9 | 5×7.5 | 5×16       | 98         | 2850  | DN150              | 80        |                                                                                   | 127  | 122 | 119 | 115  | 109  | 98   | 93   | 87   | 66  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 48  | 60   | 72   | 84   | 96   | 108  | 120  | 144  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|-----|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2400 |
| CBE-6-CDL(F)16-1 | 6×1.1 | 6×16       | 10.5       | 2850  | DN150              | 150       |  | 16   | 14  | 13   | 12   | 11.5 | 10.5 | 10   | 9    | 7    |
| CBE-6-CDL(F)16-2 | 6×2.2 | 6×16       | 21         | 2850  | DN150              | 150       |                                                                                   | 29   | 26  | 25   | 24   | 23   | 21   | 20   | 18   | 14   |
| CBE-6-CDL(F)16-3 | 6×3   | 6×16       | 31         | 2850  | DN150              | 150       |                                                                                   | 42.5 | 39  | 38   | 37   | 34   | 31   | 29   | 27   | 20   |
| CBE-6-CDL(F)16-4 | 6×4   | 6×16       | 43         | 2850  | DN150              | 150       |                                                                                   | 58   | 52  | 50   | 48   | 46   | 43   | 40   | 36   | 26   |
| CBE-6-CDL(F)16-5 | 6×4   | 6×16       | 54         | 2850  | DN150              | 150       |                                                                                   | 71   | 66  | 64   | 61   | 58   | 54   | 50   | 45   | 33   |
| CBE-6-CDL(F)16-7 | 6×5.5 | 6×16       | 78         | 2850  | DN150              | 150       |                                                                                   | 99   | 94  | 92   | 88   | 83   | 78   | 71   | 64   | 50   |
| CBE-6-CDL(F)16-9 | 6×7.5 | 6×16       | 98         | 2850  | DN150              | 150       |                                                                                   | 127  | 122 | 119  | 115  | 109  | 98   | 93   | 87   | 66   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 24  | 28   | 32  | 36   | 40   | 48  | 52  | 56  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|-----|------|------|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 400 | 467  | 533 | 600  | 667  | 800 | 866 | 933 |
| CBE-2-CDL(F)20-1 | 2×1.1 | 2×20       | 10.5       | 2850  | DN80               | 80        |  | 15   | 13  | 12.5 | 12  | 11.5 | 10.5 | 9   | 8   | 7   |
| CBE-2-CDL(F)20-2 | 2×2.2 | 2×20       | 21         | 2850  | DN80               | 80        |                                                                                     | 29.5 | 26  | 25   | 24  | 22.5 | 21   | 18  | 16  | 14  |
| CBE-2-CDL(F)20-3 | 2×4   | 2×20       | 31         | 2850  | DN80               | 80        |                                                                                     | 42.5 | 39  | 38   | 36  | 34   | 32   | 27  | 24  | 21  |
| CBE-2-CDL(F)20-4 | 2×5.5 | 2×20       | 43         | 2850  | DN80               | 80        |                                                                                     | 57   | 52  | 51   | 50  | 46   | 43   | 36  | 32  | 27  |
| CBE-2-CDL(F)20-5 | 2×5.5 | 2×20       | 54         | 2850  | DN80               | 80        |                                                                                     | 70.5 | 65  | 63   | 61  | 58   | 55   | 45  | 40  | 33  |
| CBE-2-CDL(F)20-6 | 2×7.5 | 2×20       | 78         | 2850  | DN80               | 80        |                                                                                     | 85   | 78  | 77   | 73  | 70   | 66   | 55  | 48  | 40  |
| CBE-2-CDL(F)20-7 | 2×7.5 | 2×20       | 98         | 2850  | DN80               | 80        |                                                                                     | 100  | 92  | 89   | 86  | 82   | 77   | 65  | 58  | 47  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 36  | 42   | 48  | 54   | 60   | 72   | 78   | 84   |
|------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 600 | 700  | 800 | 900  | 1000 | 1200 | 1300 | 1400 |
| CBE-3-CDL(F)20-1 | 3×1.1 | 3×20       | 10.5       | 2850  | DN100              | 80        |  | 15   | 13  | 12.5 | 12  | 11.5 | 10.5 | 9    | 8    | 7    |
| CBE-3-CDL(F)20-2 | 3×2.2 | 3×20       | 21         | 2850  | DN100              | 80        |                                                                                     | 29.5 | 26  | 25   | 24  | 22.5 | 21   | 18   | 16   | 14   |
| CBE-3-CDL(F)20-3 | 3×4   | 3×20       | 31         | 2850  | DN100              | 80        |                                                                                     | 42.5 | 39  | 38   | 36  | 34   | 32   | 27   | 24   | 21   |
| CBE-3-CDL(F)20-4 | 3×5.5 | 3×20       | 43         | 2850  | DN100              | 80        |                                                                                     | 57   | 52  | 51   | 50  | 46   | 43   | 36   | 32   | 27   |
| CBE-3-CDL(F)20-5 | 3×5.5 | 3×20       | 54         | 2850  | DN100              | 80        |                                                                                     | 70.5 | 65  | 63   | 61  | 58   | 55   | 45   | 40   | 33   |
| CBE-3-CDL(F)20-6 | 3×7.5 | 3×20       | 78         | 2850  | DN100              | 80        |                                                                                     | 85   | 78  | 77   | 73  | 70   | 66   | 55   | 48   | 40   |
| CBE-3-CDL(F)20-7 | 3×7.5 | 3×20       | 98         | 2850  | DN100              | 80        |                                                                                     | 100  | 92  | 89   | 86  | 82   | 77   | 65   | 58   | 47   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 48  | 56   | 64   | 72   | 80   | 96   | 104  | 112  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 800 | 933  | 1067 | 1200 | 1333 | 1600 | 1733 | 1867 |
| CBE-4-CDL(F)20-1 | 4×1.1 | 4×20       | 10.5       | 2850  | DN100              | 80        |  | 15   | 13  | 12.5 | 12   | 11.5 | 10.5 | 9    | 8    | 7    |
| CBE-4-CDL(F)20-2 | 4×2.2 | 4×20       | 21         | 2850  | DN100              | 80        |                                                                                     | 29.5 | 26  | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBE-4-CDL(F)20-3 | 4×4   | 4×20       | 31         | 2850  | DN100              | 80        |                                                                                     | 42.5 | 39  | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBE-4-CDL(F)20-4 | 4×5.5 | 4×20       | 43         | 2850  | DN100              | 80        |                                                                                     | 57   | 52  | 51   | 50   | 46   | 43   | 36   | 32   | 27   |
| CBE-4-CDL(F)20-5 | 4×5.5 | 4×20       | 54         | 2850  | DN100              | 80        |                                                                                     | 70.5 | 65  | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBE-4-CDL(F)20-6 | 4×7.5 | 4×20       | 78         | 2850  | DN100              | 80        |                                                                                     | 85   | 78  | 77   | 73   | 70   | 66   | 55   | 48   | 40   |
| CBE-4-CDL(F)20-7 | 4×7.5 | 4×20       | 98         | 2850  | DN100              | 80        |                                                                                     | 100  | 92  | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 60   | 70   | 80   | 90   | 100  | 120  | 130  | 140  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1000 | 1167 | 1333 | 1500 | 1667 | 2000 | 2167 | 2333 |
| CBE-5-CDL(F)20-1 | 5×1.1 | 5×20       | 10.5       | 2850  | DN150              | 80        |  | 15   | 13   | 12.5 | 12   | 11.5 | 10.5 | 9    | 8    | 7    |
| CBE-5-CDL(F)20-2 | 5×2.2 | 5×20       | 21         | 2850  | DN150              | 80        |                                                                                     | 29.5 | 26   | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBE-5-CDL(F)20-3 | 5×4   | 5×20       | 31         | 2850  | DN150              | 80        |                                                                                     | 42.5 | 39   | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBE-5-CDL(F)20-4 | 5×5.5 | 5×20       | 43         | 2850  | DN150              | 80        |                                                                                     | 57   | 52   | 51   | 50   | 46   | 43   | 36   | 32   | 27   |
| CBE-5-CDL(F)20-5 | 5×5.5 | 5×20       | 54         | 2850  | DN150              | 80        |                                                                                     | 70.5 | 65   | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBE-5-CDL(F)20-6 | 5×7.5 | 5×20       | 78         | 2850  | DN150              | 80        |                                                                                     | 85   | 78   | 77   | 73   | 70   | 66   | 55   | 48   | 40   |
| CBE-5-CDL(F)20-7 | 5×7.5 | 5×20       | 98         | 2850  | DN150              | 80        |                                                                                     | 100  | 92   | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 72   | 84   | 96   | 108  | 120  | 142  | 146  | 168  |
|------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 1200 | 1400 | 1600 | 1800 | 2000 | 2367 | 2433 | 2800 |
| CBE-6-CDL(F)20-1 | 6×1.1 | 6×20       | 10.5       | 2850  | DN150              | 150       |  | 15   | 13   | 12.5 | 12   | 11.5 | 10.5 | 9    | 8    | 7    |
| CBE-6-CDL(F)20-2 | 6×2.2 | 6×20       | 21         | 2850  | DN150              | 150       |                                                                                       | 29.5 | 26   | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBE-6-CDL(F)20-3 | 6×4   | 6×20       | 31         | 2850  | DN150              | 150       |                                                                                       | 42.5 | 39   | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBE-6-CDL(F)20-4 | 6×5.5 | 6×20       | 43         | 2850  | DN150              | 150       |                                                                                       | 57   | 52   | 51   | 50   | 46   | 43   | 36   | 32   | 27   |
| CBE-6-CDL(F)20-5 | 6×5.5 | 6×20       | 54         | 2850  | DN150              | 150       |                                                                                       | 70.5 | 65   | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBE-6-CDL(F)20-6 | 6×7.5 | 6×20       | 78         | 2850  | DN150              | 150       |                                                                                       | 85   | 78   | 77   | 73   | 70   | 66   | 55   | 48   | 40   |
| CBE-6-CDL(F)20-7 | 6×7.5 | 6×20       | 98         | 2850  | DN150              | 150       |                                                                                       | 100  | 92   | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 40   | 60   | 80   |
|--------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 667  | 1000 | 1333 |
| CBE-2-CDL(F)32-1-1 | 2×1.5 | 2×32       | 10         | 2850  | DN100              | 80        |  | 17   | 13   | 10.5 | 7    |
| CBE-2-CDL(F)32-1   | 2×2.2 | 2×32       | 13         | 2850  | DN100              | 80        |                                                                                       | 22   | 16.5 | 14   | 8.5  |
| CBE-2-CDL(F)32-2   | 2×4   | 2×32       | 19         | 2850  | DN100              | 80        |                                                                                       | 40.5 | 32   | 26   | 17   |
| CBE-2-CDL(F)32-3   | 2×5.5 | 2×32       | 37         | 2850  | DN100              | 80        |                                                                                       | 59.5 | 49   | 39   | 25   |
| CBE-2-CDL(F)32-4   | 2×7.5 | 2×32       | 50         | 2850  | DN100              | 80        |                                                                                       | 78   | 66   | 53   | 34   |
| CBE-2-CDL(F)32-4-2 | 2×7.5 | 2×32       | 44         | 2850  | DN100              | 80        |                                                                                       | 71   | 59   | 47   | 29   |
| CBE-2-CDL(F)32-5-2 | 2×11  | 2×32       | 57         | 2850  | DN100              | 80        |                                                                                       | 89.5 | 76   | 61   | 37   |
| CBE-2-CDL(F)32-5   | 2×11  | 2×32       | 62         | 2850  | DN100              | 80        |                                                                                       | 98   | 83   | 66   | 42   |
| CBE-2-CDL(F)32-6   | 2×11  | 2×32       | 77         | 2850  | DN100              | 80        |                                                                                       | 115  | 101  | 83   | 52   |



CDL Cast iron inlet and outlet section      CDLF Stainless steel inlet and outlet section

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 60   | 90   | 120  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 1000 | 1500 | 2000 |
| CBE-3-CDL(F)32-1-1 | 3x1.5 | 3x32       | 10         | 2850  | DN150              | 80        |  | 17   | 13   | 10.5 | 7    |
| CBE-3-CDL(F)32-1   | 3x2.2 | 3x32       | 13         | 2850  | DN150              | 80        |                                                                                   | 22   | 16.5 | 14   | 8.5  |
| CBE-3-CDL(F)32-2   | 3x4   | 3x32       | 19         | 2850  | DN150              | 80        |                                                                                   | 40.5 | 32   | 26   | 17   |
| CBE-3-CDL(F)32-3   | 3x5.5 | 3x32       | 37         | 2850  | DN150              | 80        |                                                                                   | 59.5 | 49   | 39   | 25   |
| CBE-3-CDL(F)32-4   | 3x7.5 | 3x32       | 50         | 2850  | DN150              | 80        |                                                                                   | 78   | 66   | 53   | 34   |
| CBE-3-CDL(F)32-4-2 | 3x7.5 | 3x32       | 44         | 2850  | DN150              | 80        |                                                                                   | 71   | 59   | 47   | 29   |
| CBE-3-CDL(F)32-5-2 | 3x11  | 3x32       | 57         | 2850  | DN150              | 80        |                                                                                   | 89.5 | 76   | 61   | 37   |
| CBE-3-CDL(F)32-5   | 3x11  | 3x32       | 62         | 2850  | DN150              | 80        |                                                                                   | 98   | 83   | 66   | 42   |
| CBE-3-CDL(F)32-6   | 3x11  | 3x32       | 77         | 2850  | DN150              | 80        |                                                                                   | 115  | 101  | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                           | 0    | 80   | 120  | 160  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                          | 0    | 1333 | 2000 | 2667 |
| CBE-4-CDL(F)32-1-1 | 4x1.5 | 4x32       | 10         | 2850  | DN150              | 100       |  | 17   | 13   | 10.5 | 7    |
| CBE-4-CDL(F)32-1   | 4x2.2 | 4x32       | 13         | 2850  | DN150              | 100       |                                                                                    | 22   | 16.5 | 14   | 8.5  |
| CBE-4-CDL(F)32-2   | 4x4   | 4x32       | 19         | 2850  | DN150              | 100       |                                                                                    | 40.5 | 32   | 26   | 17   |
| CBE-4-CDL(F)32-3   | 4x5.5 | 4x32       | 37         | 2850  | DN150              | 100       |                                                                                    | 59.5 | 49   | 39   | 25   |
| CBE-4-CDL(F)32-4   | 4x7.5 | 4x32       | 50         | 2850  | DN150              | 100       |                                                                                    | 78   | 66   | 53   | 34   |
| CBE-4-CDL(F)32-4-2 | 4x7.5 | 4x32       | 44         | 2850  | DN150              | 100       |                                                                                    | 71   | 59   | 47   | 29   |
| CBE-4-CDL(F)32-5-2 | 4x11  | 4x32       | 57         | 2850  | DN150              | 100       |                                                                                    | 89.5 | 76   | 61   | 37   |
| CBE-4-CDL(F)32-5   | 4x11  | 4x32       | 62         | 2850  | DN150              | 100       |                                                                                    | 98   | 83   | 66   | 42   |
| CBE-4-CDL(F)32-6   | 4x11  | 4x32       | 77         | 2850  | DN150              | 100       |                                                                                    | 115  | 101  | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 100  | 150  | 200  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1667 | 2500 | 3333 |
| CBE-5-CDL(F)32-1-1 | 5x1.5 | 5x32       | 10         | 2850  | DN150              | 150       |  | 17   | 13   | 10.5 | 7    |
| CBE-5-CDL(F)32-1   | 5x2.2 | 5x32       | 13         | 2850  | DN150              | 150       |                                                                                     | 22   | 16.5 | 14   | 8.5  |
| CBE-5-CDL(F)32-2   | 5x4   | 5x32       | 19         | 2850  | DN150              | 150       |                                                                                     | 40.5 | 32   | 26   | 17   |
| CBE-5-CDL(F)32-3   | 5x5.5 | 5x32       | 37         | 2850  | DN150              | 150       |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBE-5-CDL(F)32-4   | 5x7.5 | 5x32       | 50         | 2850  | DN150              | 150       |                                                                                     | 78   | 66   | 53   | 34   |
| CBE-5-CDL(F)32-4-2 | 5x7.5 | 5x32       | 44         | 2850  | DN150              | 150       |                                                                                     | 71   | 59   | 47   | 29   |
| CBE-5-CDL(F)32-5-2 | 5x11  | 5x32       | 57         | 2850  | DN150              | 150       |                                                                                     | 89.5 | 76   | 61   | 37   |
| CBE-5-CDL(F)32-5   | 5x11  | 5x32       | 62         | 2850  | DN150              | 150       |                                                                                     | 98   | 83   | 66   | 42   |
| CBE-5-CDL(F)32-6   | 5x11  | 5x32       | 77         | 2850  | DN150              | 150       |                                                                                     | 115  | 101  | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 120  | 180  | 240  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 2000 | 3000 | 4000 |
| CBE-6-CDL(F)32-1-1 | 6x1.5 | 6x32       | 10         | 2850  | DN200              | 200       |  | 17   | 13   | 10.5 | 7    |
| CBE-6-CDL(F)32-1   | 6x2.2 | 6x32       | 13         | 2850  | DN200              | 200       |                                                                                     | 22   | 16.5 | 14   | 8.5  |
| CBE-6-CDL(F)32-2   | 6x4   | 6x32       | 19         | 2850  | DN200              | 200       |                                                                                     | 40.5 | 32   | 26   | 17   |
| CBE-6-CDL(F)32-3   | 6x5.5 | 6x32       | 37         | 2850  | DN200              | 200       |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBE-6-CDL(F)32-4   | 6x7.5 | 6x32       | 50         | 2850  | DN200              | 200       |                                                                                     | 78   | 66   | 53   | 34   |
| CBE-6-CDL(F)32-4-2 | 6x7.5 | 6x32       | 44         | 2850  | DN200              | 200       |                                                                                     | 71   | 59   | 47   | 29   |
| CBE-6-CDL(F)32-5-2 | 6x11  | 6x32       | 57         | 2850  | DN200              | 200       |                                                                                     | 89.5 | 76   | 61   | 37   |
| CBE-6-CDL(F)32-5   | 6x11  | 6x32       | 62         | 2850  | DN200              | 200       |                                                                                     | 98   | 83   | 66   | 42   |
| CBE-6-CDL(F)32-6   | 6x11  | 6x32       | 77         | 2850  | DN200              | 200       |                                                                                     | 115  | 101  | 83   | 52   |



CDL Cast iron inlet and outlet section      CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 60   | 80   | 100  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1000 | 1333 | 1666 |
| CBE-2-CDL(F)45-1-1 | 2x3    | 2x45       | 15         | 2850  | DN150              | 80        |  | 21   | 19   | 17   | 13   |
| CBE-2-CDL(F)45-1   | 2x4    | 2x45       | 19         | 2850  | DN150              | 80        |                                                                                     | 25   | 23   | 21   | 18   |
| CBE-2-CDL(F)45-2-2 | 2x5.5  | 2x45       | 30         | 2850  | DN150              | 80        |                                                                                     | 41   | 38   | 33   | 27   |
| CBE-2-CDL(F)45-2   | 2x7.5  | 2x45       | 39         | 2850  | DN150              | 80        |                                                                                     | 51   | 46   | 42   | 35   |
| CBE-2-CDL(F)45-3   | 2x11   | 2x45       | 58         | 2850  | DN150              | 80        |                                                                                     | 78.5 | 70   | 63   | 53   |
| CBE-2-CDL(F)45-4   | 2x15   | 2x45       | 77         | 2850  | DN150              | 80        |                                                                                     | 102  | 94   | 84   | 70   |
| CBE-2-CDL(F)45-5   | 2x18.5 | 2x45       | 97         | 2850  | DN150              | 80        |                                                                                     | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 90   | 120  | 150  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1500 | 2000 | 2500 |
| CBE-3-CDL(F)45-1-1 | 3x3    | 3x45       | 15         | 2850  | DN150              | 100       |  | 21   | 19   | 17   | 13   |
| CBE-3-CDL(F)45-1   | 3x4    | 3x45       | 19         | 2850  | DN150              | 100       |                                                                                     | 25   | 23   | 21   | 18   |
| CBE-3-CDL(F)45-2-2 | 3x5.5  | 3x45       | 30         | 2850  | DN150              | 100       |                                                                                     | 41   | 38   | 33   | 27   |
| CBE-3-CDL(F)45-2   | 3x7.5  | 3x45       | 39         | 2850  | DN150              | 100       |                                                                                     | 51   | 46   | 42   | 35   |
| CBE-3-CDL(F)45-3   | 3x11   | 3x45       | 58         | 2850  | DN150              | 100       |                                                                                     | 78.5 | 70   | 63   | 53   |
| CBE-3-CDL(F)45-4   | 3x15   | 3x45       | 77         | 2850  | DN150              | 100       |                                                                                     | 102  | 94   | 84   | 70   |
| CBE-3-CDL(F)45-5   | 3x18.5 | 3x45       | 97         | 2850  | DN150              | 100       |                                                                                     | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 120  | 160  | 200 |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 2000 | 2667 | 333 |
| CBE-4-CDL(F)45-1-1 | 4x3    | 4x45       | 15         | 2850  | DN200              | 150       |  | 21   | 19   | 17   | 13  |
| CBE-4-CDL(F)45-1   | 4x4    | 4x45       | 19         | 2850  | DN200              | 150       |                                                                                       | 25   | 23   | 21   | 18  |
| CBE-4-CDL(F)45-2-2 | 4x5.5  | 4x45       | 30         | 2850  | DN200              | 150       |                                                                                       | 41   | 38   | 33   | 27  |
| CBE-4-CDL(F)45-2   | 4x7.5  | 4x45       | 39         | 2850  | DN200              | 150       |                                                                                       | 51   | 46   | 42   | 35  |
| CBE-4-CDL(F)45-3   | 4x11   | 4x45       | 58         | 2850  | DN200              | 150       |                                                                                       | 78.5 | 70   | 63   | 53  |
| CBE-4-CDL(F)45-4   | 4x15   | 4x45       | 77         | 2850  | DN200              | 150       |                                                                                       | 102  | 94   | 84   | 70  |
| CBE-4-CDL(F)45-5   | 4x18.5 | 4x45       | 97         | 2850  | DN200              | 150       |                                                                                       | 129  | 118  | 105  | 88  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 150  | 200  | 250  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 2500 | 3333 | 4167 |
| CBE-5-CDL(F)45-1-1 | 5x3    | 5x45       | 15         | 2850  | DN200              | 200       |  | 21   | 19   | 17   | 13   |
| CBE-5-CDL(F)45-1   | 5x4    | 5x45       | 19         | 2850  | DN200              | 200       |                                                                                       | 25   | 23   | 21   | 18   |
| CBE-5-CDL(F)45-2-2 | 5x5.5  | 5x45       | 30         | 2850  | DN200              | 200       |                                                                                       | 41   | 38   | 33   | 27   |
| CBE-5-CDL(F)45-2   | 5x7.5  | 5x45       | 39         | 2850  | DN200              | 200       |                                                                                       | 51   | 46   | 42   | 35   |
| CBE-5-CDL(F)45-3   | 5x11   | 5x45       | 58         | 2850  | DN200              | 200       |                                                                                       | 78.5 | 70   | 63   | 53   |
| CBE-5-CDL(F)45-4   | 5x15   | 5x45       | 77         | 2850  | DN200              | 200       |                                                                                       | 102  | 94   | 84   | 70   |
| CBE-5-CDL(F)45-5   | 5x18.5 | 5x45       | 97         | 2850  | DN200              | 200       |                                                                                       | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 180  | 240  | 300  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 3000 | 4000 | 5000 |
| CBE-6-CDL(F)45-1-1 | 6x3    | 6x45       | 15         | 2850  | DN200              | 300       |  | 21   | 19   | 17   | 13   |
| CBE-6-CDL(F)45-1   | 6x4    | 6x45       | 19         | 2850  | DN200              | 300       |                                                                                       | 25   | 23   | 21   | 18   |
| CBE-6-CDL(F)45-2-2 | 6x5.5  | 6x45       | 30         | 2850  | DN200              | 300       |                                                                                       | 41   | 38   | 33   | 27   |
| CBE-6-CDL(F)45-2   | 6x7.5  | 6x45       | 39         | 2850  | DN200              | 300       |                                                                                       | 51   | 46   | 42   | 35   |
| CBE-6-CDL(F)45-3   | 6x11   | 6x45       | 58         | 2850  | DN200              | 300       |                                                                                       | 78.5 | 70   | 63   | 53   |
| CBE-6-CDL(F)45-4   | 6x15   | 6x45       | 77         | 2850  | DN200              | 300       |                                                                                       | 102  | 94   | 84   | 70   |
| CBE-6-CDL(F)45-5   | 6x18.5 | 6x45       | 97         | 2850  | DN200              | 300       |                                                                                       | 129  | 118  | 105  | 88   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          |     |    |    |     |     |     |      |     |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|----|----|-----|-----|-----|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 60 | 80 | 100 | 120 | 128 | 140  | 160 |
| CBE-2-CDL(F)64-1-1 | 2×4    | 2×64       | 13         | 2850  | DN150              | 80        |  | 20  | 19 | 18 | 16  | 14  | 13  | 11.5 | 9   |
| CBE-2-CDL(F)64-1   | 2×5.5  | 2×64       | 19         | 2850  | DN150              | 80        |                                                                                   | 30  | 27 | 25 | 23  | 20  | 19  | 17   | 14  |
| CBE-2-CDL(F)64-2-2 | 2×7.5  | 2×64       | 26         | 2850  | DN150              | 80        |                                                                                   | 41  | 37 | 35 | 32  | 28  | 26  | 23   | 17  |
| CBE-2-CDL(F)64-2   | 2×11   | 2×64       | 40         | 2850  | DN150              | 80        |                                                                                   | 61  | 55 | 51 | 47  | 42  | 40  | 37   | 30  |
| CBE-2-CDL(F)64-3-1 | 2×15   | 2×64       | 53         | 2850  | DN150              | 80        |                                                                                   | 80  | 73 | 69 | 63  | 56  | 54  | 48   | 39  |
| CBE-2-CDL(F)64-4-2 | 2×18.5 | 2×64       | 66         | 2850  | DN150              | 80        |                                                                                   | 100 | 92 | 87 | 80  | 71  | 69  | 60   | 49  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          |     |    |     |     |     |     |      |     |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|----|-----|-----|-----|-----|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 90 | 120 | 150 | 180 | 192 | 210  | 240 |
| CBE-3-CDL(F)64-1-1 | 3×4    | 3×64       | 13         | 2850  | DN200              | 150       |  | 20  | 19 | 18  | 16  | 14  | 13  | 11.5 | 9   |
| CBE-3-CDL(F)64-1   | 3×5.5  | 3×64       | 19         | 2850  | DN200              | 150       |                                                                                   | 30  | 27 | 25  | 23  | 20  | 19  | 17   | 14  |
| CBE-3-CDL(F)64-2-2 | 3×7.5  | 3×64       | 26         | 2850  | DN200              | 150       |                                                                                   | 41  | 37 | 35  | 32  | 28  | 26  | 23   | 17  |
| CBE-3-CDL(F)64-2   | 3×11   | 3×64       | 40         | 2850  | DN200              | 150       |                                                                                   | 61  | 55 | 51  | 47  | 42  | 40  | 37   | 30  |
| CBE-3-CDL(F)64-3-1 | 3×15   | 3×64       | 53         | 2850  | DN200              | 150       |                                                                                   | 80  | 73 | 69  | 63  | 56  | 54  | 48   | 39  |
| CBE-3-CDL(F)64-4-2 | 3×18.5 | 3×64       | 66         | 2850  | DN200              | 150       |                                                                                   | 100 | 92 | 87  | 80  | 71  | 69  | 60   | 49  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |     |     |     |     |     |     |      |     |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 120 | 160 | 200 | 240 | 256 | 280  | 320 |
| CBE-4-CDL(F)64-1-1 | 4×4    | 4×64       | 13         | 2850  | DN200              | 200       |  | 20  | 19  | 18  | 16  | 14  | 13  | 11.5 | 9   |
| CBE-4-CDL(F)64-1   | 4×5.5  | 4×64       | 19         | 2850  | DN200              | 200       |                                                                                     | 30  | 27  | 25  | 23  | 20  | 19  | 17   | 14  |
| CBE-4-CDL(F)64-2-2 | 4×7.5  | 4×64       | 26         | 2850  | DN200              | 200       |                                                                                     | 41  | 37  | 35  | 32  | 28  | 26  | 23   | 17  |
| CBE-4-CDL(F)64-2   | 4×11   | 4×64       | 40         | 2850  | DN200              | 200       |                                                                                     | 61  | 55  | 51  | 47  | 42  | 40  | 37   | 30  |
| CBE-4-CDL(F)64-3-1 | 4×15   | 4×64       | 53         | 2850  | DN200              | 200       |                                                                                     | 80  | 73  | 69  | 63  | 56  | 54  | 48   | 39  |
| CBE-4-CDL(F)64-4-2 | 4×18.5 | 4×64       | 66         | 2850  | DN200              | 200       |                                                                                     | 100 | 92  | 87  | 80  | 71  | 69  | 60   | 49  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |     |     |     |     |     |     |      |     |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 150 | 200 | 250 | 300 | 320 | 350  | 400 |
| CBE-5-CDL(F)64-1-1 | 5×4    | 5×64       | 13         | 2850  | DN250              | 200       |  | 20  | 19  | 18  | 16  | 14  | 13  | 11.5 | 9   |
| CBE-5-CDL(F)64-1   | 5×5.5  | 5×64       | 19         | 2850  | DN250              | 200       |                                                                                     | 30  | 27  | 25  | 23  | 20  | 19  | 17   | 14  |
| CBE-5-CDL(F)64-2-2 | 5×7.5  | 5×64       | 26         | 2850  | DN250              | 200       |                                                                                     | 41  | 37  | 35  | 32  | 28  | 26  | 23   | 17  |
| CBE-5-CDL(F)64-2   | 5×11   | 5×64       | 40         | 2850  | DN250              | 200       |                                                                                     | 61  | 55  | 51  | 47  | 42  | 40  | 37   | 30  |
| CBE-5-CDL(F)64-3-1 | 5×15   | 5×64       | 53         | 2850  | DN250              | 200       |                                                                                     | 80  | 73  | 69  | 63  | 56  | 54  | 48   | 39  |
| CBE-5-CDL(F)64-4-2 | 5×18.5 | 5×64       | 66         | 2850  | DN250              | 200       |                                                                                     | 100 | 92  | 87  | 80  | 71  | 69  | 60   | 49  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |     |     |     |     |     |     |      |     |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|-----|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 180 | 240 | 300 | 360 | 384 | 420  | 480 |
| CBE-6-CDL(F)64-1-1 | 6×4    | 6×64       | 13         | 2850  | DN250              | 300       |  | 20  | 19  | 18  | 16  | 14  | 13  | 11.5 | 9   |
| CBE-6-CDL(F)64-1   | 6×5.5  | 6×64       | 19         | 2850  | DN250              | 300       |                                                                                     | 30  | 27  | 25  | 23  | 20  | 19  | 17   | 14  |
| CBE-6-CDL(F)64-2-2 | 6×7.5  | 6×64       | 26         | 2850  | DN250              | 300       |                                                                                     | 41  | 37  | 35  | 32  | 28  | 26  | 23   | 17  |
| CBE-6-CDL(F)64-2   | 6×11   | 6×64       | 40         | 2850  | DN250              | 300       |                                                                                     | 61  | 55  | 51  | 47  | 42  | 40  | 37   | 30  |
| CBE-6-CDL(F)64-3-1 | 6×15   | 6×64       | 53         | 2850  | DN250              | 300       |                                                                                     | 80  | 73  | 69  | 63  | 56  | 54  | 48   | 39  |
| CBE-6-CDL(F)64-4-2 | 6×18.5 | 6×64       | 66         | 2850  | DN250              | 300       |                                                                                     | 100 | 92  | 87  | 80  | 71  | 69  | 60   | 49  |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |    |     |     |     |     |     |  |  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|--|--|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0  | 100 | 140 | 180 | 200 | 220 |  |  |
| CBE-2-CDL(F)90-1-1 | 2×5.5  | 2×90       | 13         | 2850  | DN150              | 100       |  | 26 | 22  | 18  | 13  | 10  | 6   |  |  |
| CBE-2-CDL(F)90-1   | 2×7.5  | 2×90       | 19         | 2850  | DN150              | 100       |                                                                                     | 35 | 30  | 25  | 19  | 15  | 11  |  |  |
| CBE-2-CDL(F)90-2-2 | 2×11   | 2×90       | 28         | 2850  | DN150              | 100       |                                                                                     | 49 | 41  | 36  | 28  | 22  | 15  |  |  |
| CBE-2-CDL(F)90-2   | 2×15   | 2×90       | 40         | 2850  | DN150              | 100       |                                                                                     | 66 | 56  | 49  | 40  | 35  | 30  |  |  |
| CBE-2-CDL(F)90-3-2 | 2×18.5 | 2×90       | 49         | 2850  | DN150              | 100       |                                                                                     | 80 | 68  | 60  | 49  | 41  | 33  |  |  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |    |     |     |     |     |     |  |  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|--|--|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0  | 150 | 210 | 270 | 300 | 330 |  |  |
| CBE-3-CDL(F)90-1-1 | 3×5.5  | 3×90       | 13         | 2850  | DN200              | 200       |  | 26 | 22  | 18  | 13  | 10  | 6   |  |  |
| CBE-3-CDL(F)90-1   | 3×7.5  | 3×90       | 19         | 2850  | DN200              | 200       |                                                                                     | 35 | 30  | 25  | 19  | 15  | 11  |  |  |
| CBE-3-CDL(F)90-2-2 | 3×11   | 3×90       | 28         | 2850  | DN200              | 200       |                                                                                     | 49 | 41  | 36  | 28  | 22  | 15  |  |  |
| CBE-3-CDL(F)90-2   | 3×15   | 3×90       | 40         | 2850  | DN200              | 200       |                                                                                     | 66 | 56  | 49  | 40  | 35  | 30  |  |  |
| CBE-3-CDL(F)90-3-2 | 3×18.5 | 3×90       | 49         | 2850  | DN200              | 200       |                                                                                     | 80 | 68  | 60  | 49  | 41  | 33  |  |  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              |    |     |     |     |     |     |  |  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|--|--|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0  | 200 | 280 | 360 | 400 | 440 |  |  |
| CBE-4-CDL(F)90-1-1 | 4×5.5  | 4×90       | 13         | 2850  | DN200              | 300       |  | 26 | 22  | 18  | 13  | 10  | 6   |  |  |
| CBE-4-CDL(F)90-1   | 4×7.5  | 4×90       | 19         | 2850  | DN200              | 300       |                                                                                       | 35 | 30  | 25  | 19  | 15  | 11  |  |  |
| CBE-4-CDL(F)90-2-2 | 4×11   | 4×90       | 28         | 2850  | DN200              | 300       |                                                                                       | 49 | 41  | 36  | 28  | 22  | 15  |  |  |
| CBE-4-CDL(F)90-2   | 4×15   | 4×90       | 40         | 2850  | DN200              | 300       |                                                                                       | 66 | 56  | 49  | 40  | 35  | 30  |  |  |
| CBE-4-CDL(F)90-3-2 | 4×18.5 | 4×90       | 49         | 2850  | DN200              | 300       |                                                                                       | 80 | 68  | 60  | 49  | 41  | 33  |  |  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              |    |     |     |     |     |     |  |  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|--|--|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0  | 250 | 350 | 450 | 500 | 550 |  |  |
| CBE-5-CDL(F)90-1-1 | 5×5.5  | 5×90       | 13         | 2850  | DN250              | 300       |  | 26 | 22  | 18  | 13  | 10  | 6   |  |  |
| CBE-5-CDL(F)90-1   | 5×7.5  | 5×90       | 19         | 2850  | DN250              | 300       |                                                                                       | 35 | 30  | 25  | 19  | 15  | 11  |  |  |
| CBE-5-CDL(F)90-2-2 | 5×11   | 5×90       | 28         | 2850  | DN250              | 300       |                                                                                       | 49 | 41  | 36  | 28  | 22  | 15  |  |  |
| CBE-5-CDL(F)90-2   | 5×15   | 5×90       | 40         | 2850  | DN250              | 300       |                                                                                       | 66 | 56  | 49  | 40  | 35  | 30  |  |  |
| CBE-5-CDL(F)90-3-2 | 5×18.5 | 5×90       | 49         | 2850  | DN250              | 300       |                                                                                       | 80 | 68  | 60  | 49  | 41  | 33  |  |  |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              |    |     |     |     |     |     |  |  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|--|--|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0  | 300 | 420 | 540 | 600 | 660 |  |  |
| CBE-6-CDL(F)90-1-1 | 6×5.5  | 6×90       | 13         | 2850  | DN250              | 500       |  | 26 | 22  | 18  | 13  | 10  | 6   |  |  |
| CBE-6-CDL(F)90-1   | 6×7.5  | 6×90       | 19         | 2850  | DN250              | 500       |                                                                                       | 35 | 30  | 25  | 19  | 15  | 11  |  |  |
| CBE-6-CDL(F)90-2-2 | 6×11   | 6×90       | 28         | 2850  | DN250              | 500       |                                                                                       | 49 | 41  | 36  | 28  | 22  | 15  |  |  |
| CBE-6-CDL(F)90-2   | 6×15   | 6×90       | 40         | 2850  | DN250              | 500       |                                                                                       | 66 | 56  | 49  | 40  | 35  | 30  |  |  |
| CBE-6-CDL(F)90-3-2 | 6×18.5 | 6×90       | 49         | 2850  | DN250              | 500       |                                                                                       | 80 | 68  | 60  | 49  | 41  | 33  |  |  |



APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2- 6 parallel connected pumps, integrated advanced controller and all necessary. The booster system with frequency- controlled pumps. The frequency converter of this series of pumps is hidden in the cabinet. The sets are maintain a constant pressure through continuous adjustment of the speed of the pumps. The system performance is adapted to the demand through cutting in/ out the required number of pumps and through parallel control of the pumps in operation



Max.Head  
160 m

Pump Designs  
Booster set.

Application Limits

Liquid temperature: 0 C ~ + 60 C  
Maximum system pressure 16 bar  
Pumped liquid characteristics: Convey thin, clean, non-flammable and non-explosive liquid without solid granules and fibers

Applications

Pressure boosting  
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.  
Irrigation: Playing fields in general (football, golf, etc), agriculture, artificial snow systems.



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                               | 0    | 4   | 6    | 8    |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                     | 0    | 67  | 100  | 133  |
| CBF-2-CDL(F)3-7  | 2×0.55 | 2×3        | 30.5       | 2850  | 2"                 | 24        |  | 45   | 39  | 30.5 | 19.5 |
| CBF-2-CDL(F)3-10 | 2×0.75 | 2×3        | 43         | 2850  | 2"                 | 24        |                                                                                     | 62.5 | 55  | 43   | 28   |
| CBF-2-CDL(F)3-15 | 2×1.1  | 2×3        | 68.5       | 2850  | 2"                 | 24        |                                                                                     | 93   | 82  | 68.5 | 44   |
| CBF-2-CDL(F)3-19 | 2×1.5  | 2×3        | 88         | 2850  | 2"                 | 24        |                                                                                     | 118  | 104 | 88   | 58   |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                               | 0    | 6   | 9    | 120  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                     | 0    | 100 | 150  | 200  |
| CBF-3-CDL(F)3-7  | 3×0.55 | 3×3        | 30.5       | 2850  | 2"                 | 24        |  | 45   | 39  | 30.5 | 19.5 |
| CBF-3-CDL(F)3-10 | 3×0.75 | 3×3        | 43         | 2850  | 2"                 | 24        |                                                                                     | 62.5 | 55  | 43   | 28   |
| CBF-3-CDL(F)3-15 | 3×1.1  | 3×3        | 68.5       | 2850  | 2"                 | 24        |                                                                                     | 93   | 82  | 68.5 | 44   |
| CBF-3-CDL(F)3-19 | 3×1.5  | 3×3        | 88         | 2850  | 2"                 | 24        |                                                                                     | 118  | 104 | 88   | 58   |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                               | 0    | 8   | 12   | 16   |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                     | 0    | 133 | 200  | 267  |
| CBF-4-CDL(F)3-7  | 4×0.55 | 4×3        | 30.5       | 2850  | 2½"                | 50        |  | 45   | 39  | 30.5 | 19.5 |
| CBF-4-CDL(F)3-10 | 4×0.75 | 4×3        | 43         | 2850  | 2½"                | 50        |                                                                                     | 62.5 | 55  | 43   | 28   |
| CBF-4-CDL(F)3-15 | 4×1.1  | 4×3        | 68.5       | 2850  | 2½"                | 50        |                                                                                     | 93   | 82  | 68.5 | 44   |
| CBF-4-CDL(F)3-19 | 4×1.5  | 4×3        | 88         | 2850  | 2½"                | 50        |                                                                                     | 118  | 104 | 88   | 58   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                               | 0   | 4    | 6   | 8    | 10   | 12   | 14   | 16  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                     | 0   | 67   | 100 | 133  | 167  | 200  | 233  | 267 |
| CBF-2-CDL(F)5-4  | 2×0.55 | 2×5        | 20         | 2850  | 2"                 | 24        |  | 26  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBF-2-CDL(F)5-5  | 2×0.75 | 2×5        | 24.5       | 2850  | 2"                 | 24        |                                                                                     | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBF-2-CDL(F)5-8  | 2×1.1  | 2×5        | 40         | 2850  | 2"                 | 24        |                                                                                     | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBF-2-CDL(F)5-10 | 2×1.5  | 2×5        | 50         | 2850  | 2"                 | 24        |                                                                                     | 65  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBF-2-CDL(F)5-16 | 2×2.2  | 2×5        | 85         | 2850  | 2"                 | 24        |                                                                                     | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |
| CBF-2-CDL(F)5-20 | 2×3    | 2×5        | 105        | 2850  | 2"                 | 24        |                                                                                     | 133 | 129  | 122 | 109  | 105  | 94   | 78   | 60  |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                               | 0   | 6    | 9   | 12   | 15   | 18   | 21   | 24  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                     | 0   | 100  | 150 | 200  | 250  | 300  | 350  | 400 |
| CBF-3-CDL(F)5-4  | 3×0.55 | 3×5        | 20         | 2850  | 2"                 | 24        |  | 26  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBF-3-CDL(F)5-5  | 3×0.75 | 3×5        | 24.5       | 2850  | 2"                 | 24        |                                                                                     | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBF-3-CDL(F)5-8  | 3×1.1  | 3×5        | 40         | 2850  | 2"                 | 24        |                                                                                     | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBF-3-CDL(F)5-10 | 3×1.5  | 3×5        | 50         | 2850  | 2"                 | 24        |                                                                                     | 65  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBF-3-CDL(F)5-16 | 3×2.2  | 3×5        | 85         | 2850  | 2"                 | 24        |                                                                                     | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |
| CBF-3-CDL(F)5-20 | 3×3    | 3×5        | 105        | 2850  | 2"                 | 24        |                                                                                     | 133 | 129  | 122 | 109  | 105  | 94   | 78   | 60  |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                                 | 0   | 8    | 12  | 16   | 20   | 24   | 28   | 32  |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                       | 0   | 133  | 200 | 267  | 333  | 400  | 467  | 533 |
| CBF-4-CDL(F)5-4  | 4×0.55 | 4×5        | 20         | 2850  | 2½"                | 50        |  | 26  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBF-4-CDL(F)5-5  | 4×0.75 | 4×5        | 24.5       | 2850  | 2½"                | 50        |                                                                                       | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBF-4-CDL(F)5-8  | 4×1.1  | 4×5        | 40         | 2850  | 2½"                | 50        |                                                                                       | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBF-4-CDL(F)5-10 | 4×1.5  | 4×5        | 50         | 2850  | 2½"                | 50        |                                                                                       | 65  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBF-4-CDL(F)5-16 | 4×2.2  | 4×5        | 85         | 2850  | 2½"                | 50        |                                                                                       | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |
| CBF-4-CDL(F)5-20 | 4×3    | 4×5        | 105        | 2850  | 2½"                | 50        |                                                                                       | 133 | 129  | 122 | 109  | 105  | 94   | 78   | 60  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                                 | 0    | 16  | 20  | 24  | 28  |
|-------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                       | 0    | 267 | 333 | 400 | 467 |
| CBF-2-CDL(F)10-3  | 2×1.1 | 2×10       | 25         | 2850  | 2½"                | 50        |  | 34   | 28  | 25  | 21  | 16  |
| CBF-2-CDL(F)10-4  | 2×1.5 | 2×10       | 32         | 2850  | 2½"                | 50        |                                                                                       | 44   | 37  | 32  | 27  | 20  |
| CBF-2-CDL(F)10-6  | 2×2.2 | 2×10       | 46         | 2850  | 2½"                | 50        |                                                                                       | 63.5 | 53  | 46  | 38  | 28  |
| CBF-2-CDL(F)10-9  | 2×3   | 2×10       | 71         | 2850  | 2½"                | 50        |                                                                                       | 94   | 81  | 71  | 59  | 42  |
| CBF-2-CDL(F)10-12 | 2×4   | 2×10       | 95         | 2850  | 2½"                | 50        |                                                                                       | 125  | 108 | 95  | 78  | 55  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)<br>Q (L/min)                                                                 | 0    | 24  | 30  | 36  | 42  |
|-------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                       | 0    | 400 | 500 | 600 | 700 |
| CBF-3-CDL(F)10-3  | 3×1.1 | 3×10       | 25         | 2850  | DN80               | 50        |  | 34   | 28  | 25  | 21  | 16  |
| CBF-3-CDL(F)10-4  | 3×1.5 | 3×10       | 32         | 2850  | DN80               | 50        |                                                                                       | 44   | 37  | 32  | 27  | 20  |
| CBF-3-CDL(F)10-6  | 3×2.2 | 3×10       | 46         | 2850  | DN80               | 50        |                                                                                       | 63.5 | 53  | 46  | 38  | 28  |
| CBF-3-CDL(F)10-9  | 3×3   | 3×10       | 71         | 2850  | DN80               | 50        |                                                                                       | 94   | 81  | 71  | 59  | 42  |
| CBF-3-CDL(F)10-12 | 3×4   | 3×10       | 95         | 2850  | DN80               | 50        |                                                                                       | 125  | 108 | 95  | 78  | 55  |



CDL Cast iron inlet and outlet section      CDLF Stainless steel inlet and outlet section

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 32  | 40  | 48  | 56  |
|-------------------|-------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 533 | 667 | 800 | 933 |
| CBF-4-CDL(F)10-3  | 4×1.1 | 4×10       | 25         | 2850  | DN80               | 80   |  | 34   | 28  | 25  | 21  | 16  |
| CBF-4-CDL(F)10-4  | 4×1.5 | 4×10       | 32         | 2850  | DN80               | 80   |                                                                                   | 44   | 37  | 32  | 27  | 20  |
| CBF-4-CDL(F)10-6  | 4×2.2 | 4×10       | 46         | 2850  | DN80               | 80   |                                                                                   | 63.5 | 53  | 46  | 38  | 28  |
| CBF-4-CDL(F)10-9  | 4×3   | 4×10       | 71         | 2850  | DN80               | 80   |                                                                                   | 94   | 81  | 71  | 59  | 42  |
| CBF-4-CDL(F)10-12 | 4×4   | 4×10       | 95         | 2850  | DN80               | 80   |                                                                                   | 125  | 108 | 95  | 78  | 55  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 40  | 50  | 60   | 70   |
|-------------------|-------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|-----|-----|------|------|
|                   | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 667 | 833 | 1000 | 1167 |
| CBF-5-CDL(F)10-3  | 5×1.1 | 5×10       | 25         | 2850  | DN100              | 80   |  | 34   | 28  | 25  | 21   | 16   |
| CBF-5-CDL(F)10-4  | 5×1.5 | 5×10       | 32         | 2850  | DN100              | 80   |                                                                                   | 44   | 37  | 32  | 27   | 20   |
| CBF-5-CDL(F)10-6  | 5×2.2 | 5×10       | 46         | 2850  | DN100              | 80   |                                                                                   | 63.5 | 53  | 46  | 38   | 28   |
| CBF-5-CDL(F)10-9  | 5×3   | 5×10       | 71         | 2850  | DN100              | 80   |                                                                                   | 94   | 81  | 71  | 59   | 42   |
| CBF-5-CDL(F)10-12 | 5×4   | 5×10       | 95         | 2850  | DN100              | 80   |                                                                                   | 125  | 108 | 95  | 78   | 55   |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 48  | 60   | 72   | 84   |
|-------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|------|------|------|
|                   | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 800 | 1000 | 1200 | 1400 |
| CBF-6-CDL(F)10-3  | 6×1.1 | 6×10       | 25         | 2850  | DN100              | 80   |  | 34   | 28  | 25   | 21   | 16   |
| CBF-6-CDL(F)10-4  | 6×1.5 | 6×10       | 32         | 2850  | DN100              | 80   |                                                                                     | 44   | 37  | 32   | 27   | 20   |
| CBF-6-CDL(F)10-6  | 6×2.2 | 6×10       | 46         | 2850  | DN100              | 80   |                                                                                     | 63.5 | 53  | 46   | 38   | 28   |
| CBF-6-CDL(F)10-9  | 6×3   | 6×10       | 71         | 2850  | DN100              | 80   |                                                                                     | 94   | 81  | 71   | 59   | 42   |
| CBF-6-CDL(F)10-12 | 6×4   | 6×10       | 95         | 2850  | DN100              | 80   |                                                                                     | 125  | 108 | 95   | 78   | 55   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 16  | 20  | 24  | 28  | 32  | 36  | 40  |
|------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 267 | 333 | 400 | 467 | 533 | 600 | 667 |
| CBF-2-CDL(F)16-2 | 2×2.2 | 2×16       | 22         | 2850  | DN80               | 50   |  | 29   | 26  | 25  | 24  | 23  | 21  | 20  | 18  |
| CBF-2-CDL(F)16-3 | 2×3   | 2×16       | 33         | 2850  | DN80               | 50   |                                                                                     | 42.5 | 39  | 38  | 37  | 34  | 31  | 29  | 27  |
| CBF-2-CDL(F)16-5 | 2×4   | 2×16       | 56         | 2850  | DN80               | 50   |                                                                                     | 71   | 66  | 64  | 61  | 58  | 54  | 50  | 45  |
| CBF-2-CDL(F)16-7 | 2×5.5 | 2×16       | 80         | 2850  | DN80               | 50   |                                                                                     | 99   | 94  | 92  | 88  | 83  | 78  | 71  | 64  |
| CBF-2-CDL(F)16-9 | 2×7.5 | 2×16       | 104        | 2850  | DN80               | 50   |                                                                                     | 127  | 122 | 119 | 115 | 109 | 98  | 93  | 87  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 24  | 30  | 36  | 42  | 48  | 54  | 60   |
|------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| CBF-3-CDL(F)16-2 | 3×2.2 | 3×16       | 22         | 2850  | DN100              | 80   |  | 29   | 26  | 25  | 24  | 23  | 21  | 20  | 18   |
| CBF-3-CDL(F)16-3 | 3×3   | 3×16       | 33         | 2850  | DN100              | 80   |                                                                                     | 42.5 | 39  | 38  | 37  | 34  | 31  | 29  | 27   |
| CBF-3-CDL(F)16-5 | 3×4   | 3×16       | 56         | 2850  | DN100              | 80   |                                                                                     | 71   | 66  | 64  | 61  | 58  | 54  | 50  | 45   |
| CBF-3-CDL(F)16-7 | 3×5.5 | 3×16       | 80         | 2850  | DN100              | 80   |                                                                                     | 99   | 94  | 92  | 88  | 83  | 78  | 71  | 64   |
| CBF-3-CDL(F)16-9 | 3×7.5 | 3×16       | 104        | 2850  | DN100              | 80   |                                                                                     | 127  | 122 | 119 | 115 | 109 | 98  | 93  | 87   |



CDL Cast iron inlet and outlet section      CDLF Stainless steel inlet and outlet section

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 32  | 40  | 48  | 56  | 64   | 72   | 80   |
|------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|-----|-----|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 533 | 667 | 800 | 933 | 1067 | 1200 | 1333 |
| CBF-4-CDL(F)16-2 | 4×2.2 | 4×16       | 22         | 2850  | DN100              | 80   |  | 29   | 26  | 25  | 24  | 23  | 21   | 20   | 18   |
| CBF-4-CDL(F)16-3 | 4×3   | 4×16       | 33         | 2850  | DN100              | 80   |                                                                                     | 42.5 | 39  | 38  | 37  | 34  | 31   | 29   | 27   |
| CBF-4-CDL(F)16-5 | 4×4   | 4×16       | 56         | 2850  | DN100              | 80   |                                                                                     | 71   | 66  | 64  | 61  | 58  | 54   | 50   | 45   |
| CBF-4-CDL(F)16-7 | 4×5.5 | 4×16       | 80         | 2850  | DN100              | 80   |                                                                                     | 99   | 94  | 92  | 88  | 83  | 78   | 71   | 64   |
| CBF-4-CDL(F)16-9 | 4×7.5 | 4×16       | 104        | 2850  | DN100              | 80   |                                                                                     | 127  | 122 | 119 | 115 | 109 | 98   | 93   | 87   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0    | 40  | 50  | 60   | 70   | 80   | 90   | 100  |
|------------------|-------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|------|-----|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0    | 667 | 833 | 1000 | 1167 | 1333 | 1500 | 1667 |
| CBF-5-CDL(F)16-2 | 5×2.2 | 5×16       | 22         | 2850  | DN150              | 80   |  | 29   | 26  | 25  | 24   | 23   | 21   | 20   | 18   |
| CBF-5-CDL(F)16-3 | 5×3   | 5×16       | 33         | 2850  | DN150              | 80   |                                                                                     | 42.5 | 39  | 38  | 37   | 34   | 31   | 29   | 27   |
| CBF-5-CDL(F)16-5 | 5×4   | 5×16       | 56         | 2850  | DN150              | 80   |                                                                                     | 71   | 66  | 64  | 61   | 58   | 54   | 50   | 45   |
| CBF-5-CDL(F)16-7 | 5×5.5 | 5×16       | 80         | 2850  | DN150              | 80   |                                                                                     | 99   | 94  | 92  | 88   | 83   | 78   | 71   | 64   |
| CBF-5-CDL(F)16-9 | 5×7.5 | 5×16       | 104        | 2850  | DN150              | 80   |                                                                                     | 127  | 122 | 119 | 115  | 109  | 98   | 93   | 87   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 48  | 60   | 72   | 84   | 96   | 108  | 120  |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| CBF-6-CDL(F)16-2 | 6×2.2 | 6×16       | 22         | 2850  | DN150              | 150  |  | 29   | 26  | 25   | 24   | 23   | 21   | 20   | 18   |
| CBF-6-CDL(F)16-3 | 6×3   | 6×16       | 33         | 2850  | DN150              | 150  |                                                                                       | 42.5 | 39  | 38   | 37   | 34   | 31   | 29   | 27   |
| CBF-6-CDL(F)16-5 | 6×4   | 6×16       | 56         | 2850  | DN150              | 150  |                                                                                       | 71   | 66  | 64   | 61   | 58   | 54   | 50   | 45   |
| CBF-6-CDL(F)16-7 | 6×5.5 | 6×16       | 80         | 2850  | DN150              | 150  |                                                                                       | 99   | 94  | 92   | 88   | 83   | 78   | 71   | 64   |
| CBF-6-CDL(F)16-9 | 6×7.5 | 6×16       | 104        | 2850  | DN150              | 150  |                                                                                       | 127  | 122 | 119  | 115  | 109  | 98   | 93   | 87   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 24  | 28  | 32  | 36   | 40  | 48  | 52  | 56  |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|-----|-----|------|-----|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 400 | 467 | 533 | 600  | 667 | 800 | 867 | 933 |
| CBF-2-CDL(F)20-2 | 2×2.2 | 2×20       | 21         | 2850  | DN80               | 80   |  | 29.5 | 26  | 25  | 24  | 22.5 | 21  | 18  | 16  | 14  |
| CBF-2-CDL(F)20-3 | 2×4   | 2×20       | 32         | 2850  | DN80               | 80   |                                                                                       | 42.5 | 39  | 38  | 36  | 34   | 32  | 27  | 24  | 21  |
| CBF-2-CDL(F)20-5 | 2×5.5 | 2×20       | 55         | 2850  | DN80               | 80   |                                                                                       | 70.5 | 65  | 63  | 61  | 58   | 55  | 45  | 40  | 33  |
| CBF-2-CDL(F)20-7 | 2×7.5 | 2×20       | 77         | 2850  | DN80               | 80   |                                                                                       | 100  | 92  | 89  | 86  | 82   | 77  | 65  | 58  | 47  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 36  | 42  | 48  | 54   | 60   | 72   | 78   | 84   |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|-----|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 600 | 700 | 800 | 900  | 1000 | 1200 | 1300 | 1400 |
| CBF-3-CDL(F)20-2 | 3×2.2 | 3×20       | 21         | 2850  | DN100              | 80   |  | 29.5 | 26  | 25  | 24  | 22.5 | 21   | 18   | 16   | 14   |
| CBF-3-CDL(F)20-3 | 3×4   | 3×20       | 32         | 2850  | DN100              | 80   |                                                                                       | 42.5 | 39  | 38  | 36  | 34   | 32   | 27   | 24   | 21   |
| CBF-3-CDL(F)20-5 | 3×5.5 | 3×20       | 55         | 2850  | DN100              | 80   |                                                                                       | 70.5 | 65  | 63  | 61  | 58   | 55   | 45   | 40   | 33   |
| CBF-3-CDL(F)20-7 | 3×7.5 | 3×20       | 77         | 2850  | DN100              | 80   |                                                                                       | 100  | 92  | 89  | 86  | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0    | 48  | 56  | 64   | 72   | 80   | 96   | 104  | 112  |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|------|-----|-----|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0    | 800 | 933 | 1067 | 1200 | 1333 | 1600 | 1733 | 1867 |
| CBF-4-CDL(F)20-2 | 4×2.2 | 4×20       | 21         | 2850  | DN80               | 80   |  | 29.5 | 26  | 25  | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBF-4-CDL(F)20-3 | 4×4   | 4×20       | 32         | 2850  | DN80               | 80   |                                                                                       | 42.5 | 39  | 38  | 36   | 34   | 32   | 27   | 24   | 21   |
| CBF-4-CDL(F)20-5 | 4×5.5 | 4×20       | 55         | 2850  | DN80               | 80   |                                                                                       | 70.5 | 65  | 63  | 61   | 58   | 55   | 45   | 40   | 33   |
| CBF-4-CDL(F)20-7 | 4×7.5 | 4×20       | 77         | 2850  | DN80               | 80   |                                                                                       | 100  | 92  | 89  | 86   | 82   | 77   | 65   | 58   | 47   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 60   | 70   | 80   | 90   | 100  | 120  | 130  | 140  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 1000 | 1167 | 1333 | 1500 | 1667 | 2000 | 2167 | 2333 |
| CBF-5-CDL(F)20-2 | 5×2.2 | 5×20       | 21         | 2850  | DN150              | 80        |  | 29.5 | 26   | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBF-5-CDL(F)20-3 | 5×4   | 5×20       | 32         | 2850  | DN150              | 80        |                                                                                   | 42.5 | 39   | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBF-5-CDL(F)20-5 | 5×5.5 | 5×20       | 55         | 2850  | DN150              | 80        |                                                                                   | 70.5 | 65   | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBF-5-CDL(F)20-7 | 5×7.5 | 5×20       | 77         | 2850  | DN150              | 80        |                                                                                   | 100  | 92   | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0    | 72   | 84   | 96   | 108  | 120  | 144  | 156  | 168  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0    | 1200 | 1400 | 1600 | 1800 | 2000 | 2400 | 2600 | 2800 |
| CBF-6-CDL(F)20-2 | 6×2.2 | 6×20       | 21         | 2850  | DN150              | 150       |  | 29.5 | 26   | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBF-6-CDL(F)20-3 | 6×4   | 6×20       | 32         | 2850  | DN150              | 150       |                                                                                   | 42.5 | 39   | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBF-6-CDL(F)20-5 | 6×5.5 | 6×20       | 55         | 2850  | DN150              | 150       |                                                                                   | 70.5 | 65   | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBF-6-CDL(F)20-7 | 6×7.5 | 6×20       | 77         | 2850  | DN150              | 150       |                                                                                   | 100  | 92   | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                           | 0    | 40  | 60   | 80   |
|--------------------|-------|------------|------------|-------|--------------------|-----------|------------------------------------------------------------------------------------|------|-----|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                          | 0    | 667 | 1000 | 1333 |
| CBF-2-CDL(F)32-2   | 2×4   | 2×32       | 24         | 2850  | DN100              | 80        |  | 40.5 | 32  | 26   | 17   |
| CBF-2-CDL(F)32-3   | 2×5.5 | 2×32       | 37         | 2850  | DN100              | 80        |                                                                                    | 59.5 | 49  | 39   | 25   |
| CBF-2-CDL(F)32-4   | 2×7.5 | 2×32       | 50         | 2850  | DN100              | 80        |                                                                                    | 78   | 66  | 53   | 34   |
| CBF-2-CDL(F)32-4-2 | 2×7.5 | 2×32       | 44         | 2850  | DN100              | 80        |                                                                                    | 71   | 59  | 47   | 29   |
| CBF-2-CDL(F)32-6   | 2×11  | 2×32       | 77         | 2850  | DN100              | 80        |                                                                                    | 115  | 101 | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 60   | 90   | 120  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1000 | 1500 | 2000 |
| CBF-3-CDL(F)32-2   | 3×4   | 3×32       | 24         | 2850  | DN150              | 80        |  | 40.5 | 32   | 26   | 17   |
| CBF-3-CDL(F)32-3   | 3×5.5 | 3×32       | 37         | 2850  | DN150              | 80        |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBF-3-CDL(F)32-4   | 3×7.5 | 3×32       | 50         | 2850  | DN150              | 80        |                                                                                     | 78   | 66   | 53   | 34   |
| CBF-3-CDL(F)32-4-2 | 3×7.5 | 3×32       | 44         | 2850  | DN150              | 80        |                                                                                     | 71   | 59   | 47   | 29   |
| CBF-3-CDL(F)32-6   | 3×11  | 3×32       | 77         | 2850  | DN150              | 80        |                                                                                     | 115  | 101  | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 80   | 120  | 160  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1333 | 2000 | 2667 |
| CBF-4-CDL(F)32-2   | 4×4   | 4×32       | 24         | 2850  | DN150              | 100       |  | 40.5 | 32   | 26   | 17   |
| CBF-4-CDL(F)32-3   | 4×5.5 | 4×32       | 37         | 2850  | DN150              | 100       |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBF-4-CDL(F)32-4   | 4×7.5 | 4×32       | 50         | 2850  | DN150              | 100       |                                                                                     | 78   | 66   | 53   | 34   |
| CBF-4-CDL(F)32-4-2 | 4×7.5 | 4×32       | 44         | 2850  | DN150              | 100       |                                                                                     | 71   | 59   | 47   | 29   |
| CBF-4-CDL(F)32-6   | 4×11  | 4×32       | 77         | 2850  | DN150              | 100       |                                                                                     | 115  | 101  | 83   | 52   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 100  | 150  | 200  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 1667 | 2500 | 3333 |
| CBF-5-CDL(F)32-2   | 5×4   | 5×32       | 24         | 2850  | DN150              | 150       |  | 40.5 | 32   | 26   | 17   |
| CBF-5-CDL(F)32-3   | 5×5.5 | 5×32       | 37         | 2850  | DN150              | 150       |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBF-5-CDL(F)32-4   | 5×7.5 | 5×32       | 50         | 2850  | DN150              | 150       |                                                                                     | 78   | 66   | 53   | 34   |
| CBF-5-CDL(F)32-4-2 | 5×7.5 | 5×32       | 44         | 2850  | DN150              | 150       |                                                                                     | 71   | 59   | 47   | 29   |
| CBF-5-CDL(F)32-6   | 5×11  | 5×32       | 77         | 2850  | DN150              | 150       |                                                                                     | 115  | 101  | 83   | 52   |

| Model              | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0    | 120  | 180  | 240  |
|--------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0    | 2000 | 3000 | 4000 |
| CBF-6-CDL(F)32-2   | 6×4   | 6×32       | 24         | 2850  | DN200              | 200       |  | 40.5 | 32   | 26   | 17   |
| CBF-6-CDL(F)32-3   | 6×5.5 | 6×32       | 37         | 2850  | DN200              | 200       |                                                                                     | 59.5 | 49   | 39   | 25   |
| CBF-6-CDL(F)32-4   | 6×7.5 | 6×32       | 50         | 2850  | DN200              | 200       |                                                                                     | 78   | 66   | 53   | 34   |
| CBF-6-CDL(F)32-4-2 | 6×7.5 | 6×32       | 44         | 2850  | DN200              | 200       |                                                                                     | 71   | 59   | 47   | 29   |
| CBF-6-CDL(F)32-6   | 6×11  | 6×32       | 77         | 2850  | DN200              | 200       |                                                                                     | 115  | 101  | 83   | 52   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 60   | 80   | 100  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 1000 | 1333 | 1667 |
| CBF-2-CDL(F)45-2-2 | 2×5.5  | 2×45       | 24         | 2850  | DN150              | 80        |  | 41   | 38   | 33   | 27   |
| CBF-2-CDL(F)45-2   | 2×7.5  | 2×45       | 37         | 2850  | DN150              | 80        |                                                                                       | 51   | 46   | 42   | 35   |
| CBF-2-CDL(F)45-3   | 2×11   | 2×45       | 50         | 2850  | DN150              | 80        |                                                                                       | 78.5 | 70   | 63   | 53   |
| CBF-2-CDL(F)45-4   | 2×15   | 2×45       | 44         | 2850  | DN150              | 80        |                                                                                       | 102  | 94   | 84   | 70   |
| CBF-2-CDL(F)45-5   | 2×18.5 | 2×45       | 77         | 2850  | DN150              | 80        |                                                                                       | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 90   | 120  | 150  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 1500 | 2000 | 2500 |
| CBF-3-CDL(F)45-2-2 | 3×5.5  | 3×45       | 24         | 2850  | DN150              | 100       |  | 41   | 38   | 33   | 27   |
| CBF-3-CDL(F)45-2   | 3×7.5  | 3×45       | 37         | 2850  | DN150              | 100       |                                                                                       | 51   | 46   | 42   | 35   |
| CBF-3-CDL(F)45-3   | 3×11   | 3×45       | 50         | 2850  | DN150              | 100       |                                                                                       | 78.5 | 70   | 63   | 53   |
| CBF-3-CDL(F)45-4   | 3×15   | 3×45       | 44         | 2850  | DN150              | 100       |                                                                                       | 102  | 94   | 84   | 70   |
| CBF-3-CDL(F)45-5   | 3×18.5 | 3×45       | 77         | 2850  | DN150              | 100       |                                                                                       | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0    | 120  | 160  | 200  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0    | 2000 | 2667 | 3333 |
| CBF-4-CDL(F)45-2-2 | 4×5.5  | 4×45       | 24         | 2850  | DN200              | 150       |  | 41   | 38   | 33   | 27   |
| CBF-4-CDL(F)45-2   | 4×7.5  | 4×45       | 37         | 2850  | DN200              | 150       |                                                                                       | 51   | 46   | 42   | 35   |
| CBF-4-CDL(F)45-3   | 4×11   | 4×45       | 50         | 2850  | DN200              | 150       |                                                                                       | 78.5 | 70   | 63   | 53   |
| CBF-4-CDL(F)45-4   | 4×15   | 4×45       | 44         | 2850  | DN200              | 150       |                                                                                       | 102  | 94   | 84   | 70   |
| CBF-4-CDL(F)45-5   | 4×18.5 | 4×45       | 77         | 2850  | DN200              | 150       |                                                                                       | 129  | 118  | 105  | 88   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 150  | 20   | 250  |
|--------------------|--------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 2500 | 3333 | 4167 |
| CBF-5-CDL(F)45-2-2 | 5×5.5  | 5×45       | 24         | 2850  | DN200              | 200  |  | 41   | 38   | 33   | 27   |
| CBF-5-CDL(F)45-2   | 5×7.5  | 5×45       | 37         | 2850  | DN200              | 200  |                                                                                   | 51   | 46   | 42   | 35   |
| CBF-5-CDL(F)45-3   | 5×11   | 5×45       | 50         | 2850  | DN200              | 200  |                                                                                   | 78.5 | 70   | 63   | 53   |
| CBF-5-CDL(F)45-4   | 5×15   | 5×45       | 44         | 2850  | DN200              | 200  |                                                                                   | 102  | 94   | 84   | 70   |
| CBF-5-CDL(F)45-5   | 5×18.5 | 5×45       | 77         | 2850  | DN200              | 200  |                                                                                   | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0    | 180  | 240  | 300  |
|--------------------|--------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0    | 3000 | 4000 | 5000 |
| CBF-6-CDL(F)45-2-2 | 6×5.5  | 6×45       | 24         | 2850  | DN200              | 300  |  | 41   | 38   | 33   | 27   |
| CBF-6-CDL(F)45-2   | 6×7.5  | 6×45       | 37         | 2850  | DN200              | 300  |                                                                                   | 51   | 46   | 42   | 35   |
| CBF-6-CDL(F)45-3   | 6×11   | 6×45       | 50         | 2850  | DN200              | 300  |                                                                                   | 78.5 | 70   | 63   | 53   |
| CBF-6-CDL(F)45-4   | 6×15   | 6×45       | 44         | 2850  | DN200              | 300  |                                                                                   | 102  | 94   | 84   | 70   |
| CBF-6-CDL(F)45-5   | 6×18.5 | 6×45       | 77         | 2850  | DN200              | 300  |                                                                                   | 129  | 118  | 105  | 88   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0   | 60   | 80   | 100  | 120  | 128  | 140  | 160  |
|--------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0   | 1000 | 1333 | 1667 | 2000 | 2133 | 2333 | 2667 |
| CBF-2-CDL(F)64-1   | 2×5.5  | 2×64       | 19         | 2850  | DN150              | 80   |  | 30  | 27   | 25   | 23   | 20   | 19   | 17   | 14   |
| CBF-2-CDL(F)64-2-2 | 2×7.5  | 2×64       | 26         | 2850  | DN150              | 80   |                                                                                     | 41  | 37   | 35   | 32   | 28   | 26   | 23   | 17   |
| CBF-2-CDL(F)64-2   | 2×11   | 2×64       | 40         | 2850  | DN150              | 80   |                                                                                     | 61  | 55   | 51   | 47   | 42   | 40   | 37   | 30   |
| CBF-2-CDL(F)64-3-1 | 2×15   | 2×64       | 53         | 2850  | DN150              | 80   |                                                                                     | 80  | 73   | 69   | 63   | 56   | 53   | 48   | 39   |
| CBF-2-CDL(F)64-3   | 2×18.5 | 2×64       | 60         | 2850  | DN150              | 80   |                                                                                     | 90  | 81   | 76   | 70   | 64   | 60   | 55   | 46   |
| CBF-2-CDL(F)64-4-2 | 2×18.5 | 2×64       | 66         | 2850  | DN150              | 80   |                                                                                     | 100 | 92   | 87   | 80   | 71   | 66   | 60   | 49   |
| CBF-2-CDL(F)64-4   | 2×22   | 2×64       | 80         | 2850  | DN150              | 80   |                                                                                     | 120 | 107  | 101  | 94   | 85   | 80   | 74   | 61   |
| CBF-2-CDL(F)64-5-1 | 2×30   | 2×64       | 96         | 2850  | DN150              | 80   |                                                                                     | 139 | 128  | 121  | 112  | 102  | 96   | 87   | 71   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0   | 90   | 120  | 150  | 180  | 192  | 210  | 240  |
|--------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0   | 1500 | 2000 | 2500 | 3000 | 3200 | 3500 | 4000 |
| CBF-3-CDL(F)64-1   | 3×5.5  | 3×64       | 19         | 2850  | DN200              | 150  |  | 30  | 27   | 25   | 23   | 20   | 19   | 17   | 14   |
| CBF-3-CDL(F)64-2-2 | 3×7.5  | 3×64       | 26         | 2850  | DN200              | 150  |                                                                                     | 41  | 37   | 35   | 32   | 28   | 26   | 23   | 17   |
| CBF-3-CDL(F)64-2   | 3×11   | 3×64       | 40         | 2850  | DN200              | 150  |                                                                                     | 61  | 55   | 51   | 47   | 42   | 40   | 37   | 30   |
| CBF-3-CDL(F)64-3-1 | 3×15   | 3×64       | 53         | 2850  | DN200              | 150  |                                                                                     | 80  | 73   | 69   | 63   | 56   | 53   | 48   | 39   |
| CBF-3-CDL(F)64-3   | 3×18.5 | 3×64       | 60         | 2850  | DN200              | 150  |                                                                                     | 90  | 81   | 76   | 70   | 64   | 60   | 55   | 46   |
| CBF-3-CDL(F)64-4-2 | 3×18.5 | 3×64       | 66         | 2850  | DN200              | 150  |                                                                                     | 100 | 92   | 87   | 80   | 71   | 66   | 60   | 49   |
| CBF-3-CDL(F)64-4   | 3×22   | 3×64       | 80         | 2850  | DN200              | 150  |                                                                                     | 120 | 107  | 101  | 94   | 85   | 80   | 74   | 61   |
| CBF-3-CDL(F)64-5-1 | 3×30   | 3×64       | 96         | 2850  | DN200              | 150  |                                                                                     | 139 | 128  | 121  | 112  | 102  | 96   | 87   | 71   |

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0   | 120  | 160  | 200  | 240  | 256  | 280  | 320  |
|--------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0   | 2000 | 2667 | 3333 | 4000 | 4267 | 4667 | 5333 |
| CBF-4-CDL(F)64-1   | 4×5.5  | 4×64       | 19         | 2850  | DN200              | 200  |  | 30  | 27   | 25   | 23   | 20   | 19   | 17   | 14   |
| CBF-4-CDL(F)64-2-2 | 4×7.5  | 4×64       | 26         | 2850  | DN200              | 200  |                                                                                     | 41  | 37   | 35   | 32   | 28   | 26   | 23   | 17   |
| CBF-4-CDL(F)64-2   | 4×11   | 4×64       | 40         | 2850  | DN200              | 200  |                                                                                     | 61  | 55   | 51   | 47   | 42   | 40   | 37   | 30   |
| CBF-4-CDL(F)64-3-1 | 4×15   | 4×64       | 53         | 2850  | DN200              | 200  |                                                                                     | 80  | 73   | 69   | 63   | 56   | 53   | 48   | 39   |
| CBF-4-CDL(F)64-3   | 4×18.5 | 4×64       | 60         | 2850  | DN200              | 200  |                                                                                     | 90  | 81   | 76   | 70   | 64   | 60   | 55   | 46   |
| CBF-4-CDL(F)64-4-2 | 4×18.5 | 4×64       | 66         | 2850  | DN200              | 200  |                                                                                     | 100 | 92   | 87   | 80   | 71   | 66   | 60   | 49   |
| CBF-4-CDL(F)64-4   | 4×22   | 4×64       | 80         | 2850  | DN200              | 200  |                                                                                     | 120 | 107  | 101  | 94   | 85   | 80   | 74   | 61   |
| CBF-4-CDL(F)64-5-1 | 4×30   | 4×64       | 96         | 2850  | DN200              | 200  |                                                                                     | 139 | 128  | 121  | 112  | 102  | 96   | 87   | 71   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                            | 0   | 150  | 200  | 250  | 300  | 320  | 350  | 400  |
|--------------------|--------|------------|------------|-------|--------------------|------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                           | 0   | 2500 | 3333 | 4167 | 5000 | 5333 | 5833 | 6667 |
| CBF-5-CDL(F)64-1   | 5×5.5  | 5×64       | 19         | 2850  | DN250              | 200  |  | 30  | 27   | 25   | 23   | 20   | 19   | 17   | 14   |
| CBF-5-CDL(F)64-2-2 | 5×7.5  | 5×64       | 26         | 2850  | DN250              | 200  |                                                                                     | 41  | 37   | 35   | 32   | 28   | 26   | 23   | 17   |
| CBF-5-CDL(F)64-2   | 5×11   | 5×64       | 40         | 2850  | DN250              | 200  |                                                                                     | 61  | 55   | 51   | 47   | 42   | 40   | 37   | 30   |
| CBF-5-CDL(F)64-3-1 | 5×15   | 5×64       | 53         | 2850  | DN250              | 200  |                                                                                     | 80  | 73   | 69   | 63   | 56   | 53   | 48   | 39   |
| CBF-5-CDL(F)64-3   | 5×18.5 | 5×64       | 60         | 2850  | DN250              | 200  |                                                                                     | 90  | 81   | 76   | 70   | 64   | 60   | 55   | 46   |
| CBF-5-CDL(F)64-4-2 | 5×18.5 | 5×64       | 66         | 2850  | DN250              | 200  |                                                                                     | 100 | 92   | 87   | 80   | 71   | 66   | 60   | 49   |
| CBF-5-CDL(F)64-4   | 5×22   | 5×64       | 80         | 2850  | DN250              | 200  |                                                                                     | 120 | 107  | 101  | 94   | 85   | 80   | 74   | 61   |
| CBF-5-CDL(F)64-5-1 | 5×30   | 5×64       | 96         | 2850  | DN250              | 200  |                                                                                     | 139 | 128  | 121  | 112  | 102  | 96   | 87   | 71   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0   | 180  | 240  | 300  | 360  | 384  | 420  | 480  |
|--------------------|--------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0   | 3000 | 4000 | 5000 | 6000 | 6400 | 7000 | 8000 |
| CBF-6-CDL(F)64-1   | 6×5.5  | 6×64       | 19         | 2850  | DN250              | 300  |  | 30  | 27   | 25   | 23   | 20   | 19   | 17   | 14   |
| CBF-6-CDL(F)64-2-2 | 6×7.5  | 6×64       | 26         | 2850  | DN250              | 300  |                                                                                       | 41  | 37   | 35   | 32   | 28   | 26   | 23   | 17   |
| CBF-6-CDL(F)64-2   | 6×11   | 6×64       | 40         | 2850  | DN250              | 300  |                                                                                       | 61  | 55   | 51   | 47   | 42   | 40   | 37   | 30   |
| CBF-6-CDL(F)64-3-1 | 6×15   | 6×64       | 53         | 2850  | DN250              | 300  |                                                                                       | 80  | 73   | 69   | 63   | 56   | 53   | 48   | 39   |
| CBF-6-CDL(F)64-3   | 6×18.5 | 6×64       | 60         | 2850  | DN250              | 300  |                                                                                       | 90  | 81   | 76   | 70   | 64   | 60   | 55   | 46   |
| CBF-6-CDL(F)64-4-2 | 6×18.5 | 6×64       | 66         | 2850  | DN250              | 300  |                                                                                       | 100 | 92   | 87   | 80   | 71   | 66   | 60   | 49   |
| CBF-6-CDL(F)64-4   | 6×22   | 6×64       | 80         | 2850  | DN250              | 300  |                                                                                       | 120 | 107  | 101  | 94   | 85   | 80   | 74   | 61   |
| CBF-6-CDL(F)64-5-1 | 6×30   | 6×64       | 96         | 2850  | DN250              | 300  |                                                                                       | 139 | 128  | 121  | 112  | 102  | 96   | 87   | 71   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0   | 100  | 140  | 180  | 200  | 220  |
|--------------------|--------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|-----|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0   | 1667 | 2333 | 3000 | 3333 | 3667 |
| CBF-2-CDL(F)90-1-1 | 2×5.5  | 2×90       | 13         | 2850  | DN150              | 100  |  | 26  | 22   | 18   | 13   | 10   | 6    |
| CBF-2-CDL(F)90-1   | 2×7.5  | 2×90       | 19         | 2850  | DN150              | 100  |                                                                                       | 35  | 30   | 25   | 19   | 15   | 11   |
| CBF-2-CDL(F)90-2-2 | 2×11   | 2×90       | 28         | 2850  | DN150              | 100  |                                                                                       | 49  | 41   | 36   | 28   | 22   | 15   |
| CBF-2-CDL(F)90-2   | 2×15   | 2×90       | 40         | 2850  | DN150              | 100  |                                                                                       | 66  | 56   | 49   | 40   | 35   | 30   |
| CBF-2-CDL(F)90-3-2 | 2×18.5 | 2×90       | 49         | 2850  | DN150              | 100  |                                                                                       | 80  | 68   | 60   | 49   | 41   | 33   |
| CBF-2-CDL(F)90-3   | 2×22   | 2×90       | 61         | 2850  | DN150              | 100  |                                                                                       | 97  | 83   | 73   | 61   | 54   | 47   |
| CBF-2-CDL(F)90-4   | 2×30   | 2×90       | 84         | 2850  | DN150              | 100  |                                                                                       | 128 | 110  | 100  | 84   | 75   | 65   |
| CBF-2-CDL(F)90-5   | 2×37   | 2×90       | 107        | 2850  | DN150              | 100  |                                                                                       | 160 | 140  | 126  | 107  | 95   | 83   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                          | 0   | 150  | 210  | 270  | 300  | 330  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 2500 | 3500 | 4500 | 5000 | 5500 |
| CBF-3-CDL(F)90-1-1 | 3×5.5  | 3×90       | 13         | 2850  | DN200              | 200       |  | 26  | 22   | 18   | 13   | 10   | 6    |
| CBF-3-CDL(F)90-1   | 3×7.5  | 3×90       | 19         | 2850  | DN200              | 200       |                                                                                   | 35  | 30   | 25   | 19   | 15   | 11   |
| CBF-3-CDL(F)90-2-2 | 3×11   | 3×90       | 28         | 2850  | DN200              | 200       |                                                                                   | 49  | 41   | 36   | 28   | 22   | 15   |
| CBF-3-CDL(F)90-2   | 3×15   | 3×90       | 40         | 2850  | DN200              | 200       |                                                                                   | 66  | 56   | 49   | 40   | 35   | 30   |
| CBF-3-CDL(F)90-3-2 | 3×18.5 | 3×90       | 49         | 2850  | DN200              | 200       |                                                                                   | 80  | 68   | 60   | 49   | 41   | 33   |
| CBF-3-CDL(F)90-3   | 3×22   | 3×90       | 61         | 2850  | DN200              | 200       |                                                                                   | 97  | 83   | 73   | 61   | 54   | 47   |
| CBF-3-CDL(F)90-4   | 3×30   | 3×90       | 84         | 2850  | DN200              | 200       |                                                                                   | 128 | 110  | 100  | 84   | 75   | 65   |
| CBF-3-CDL(F)90-5   | 3×37   | 3×90       | 107        | 2850  | DN200              | 200       |                                                                                   | 160 | 140  | 126  | 107  | 95   | 83   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                          | 0   | 200  | 280  | 360  | 400  | 440  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 3333 | 4667 | 6000 | 6667 | 7333 |
| CBF-4-CDL(F)90-1-1 | 4×5.5  | 4×90       | 13         | 2850  | DN200              | 300       |  | 26  | 22   | 18   | 13   | 10   | 6    |
| CBF-4-CDL(F)90-1   | 4×7.5  | 4×90       | 19         | 2850  | DN200              | 300       |                                                                                   | 35  | 30   | 25   | 19   | 15   | 11   |
| CBF-4-CDL(F)90-2-2 | 4×11   | 4×90       | 28         | 2850  | DN200              | 300       |                                                                                   | 49  | 41   | 36   | 28   | 22   | 15   |
| CBF-4-CDL(F)90-2   | 4×15   | 4×90       | 40         | 2850  | DN200              | 300       |                                                                                   | 66  | 56   | 49   | 40   | 35   | 30   |
| CBF-4-CDL(F)90-3-2 | 4×18.5 | 4×90       | 49         | 2850  | DN200              | 300       |                                                                                   | 80  | 68   | 60   | 49   | 41   | 33   |
| CBF-4-CDL(F)90-3   | 4×22   | 4×90       | 61         | 2850  | DN200              | 300       |                                                                                   | 97  | 83   | 73   | 61   | 54   | 47   |
| CBF-4-CDL(F)90-4   | 4×30   | 4×90       | 84         | 2850  | DN200              | 300       |                                                                                   | 128 | 110  | 100  | 84   | 75   | 65   |
| CBF-4-CDL(F)90-5   | 4×37   | 4×90       | 107        | 2850  | DN200              | 300       |                                                                                   | 160 | 140  | 126  | 107  | 95   | 83   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                            | 0   | 250  | 350  | 450  | 500  | 550  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 4167 | 5833 | 7500 | 8333 | 9167 |
| CBF-5-CDL(F)90-1-1 | 5×5.5  | 5×90       | 13         | 2850  | DN250              | 300       |  | 26  | 22   | 18   | 13   | 10   | 6    |
| CBF-5-CDL(F)90-1   | 5×7.5  | 5×90       | 19         | 2850  | DN250              | 300       |                                                                                     | 35  | 30   | 25   | 19   | 15   | 11   |
| CBF-5-CDL(F)90-2-2 | 5×11   | 5×90       | 28         | 2850  | DN250              | 300       |                                                                                     | 49  | 41   | 36   | 28   | 22   | 15   |
| CBF-5-CDL(F)90-2   | 5×15   | 5×90       | 40         | 2850  | DN250              | 300       |                                                                                     | 66  | 56   | 49   | 40   | 35   | 30   |
| CBF-5-CDL(F)90-3-2 | 5×18.5 | 5×90       | 49         | 2850  | DN250              | 300       |                                                                                     | 80  | 68   | 60   | 49   | 41   | 33   |
| CBF-5-CDL(F)90-3   | 5×22   | 5×90       | 61         | 2850  | DN250              | 300       |                                                                                     | 97  | 83   | 73   | 61   | 54   | 47   |
| CBF-5-CDL(F)90-4   | 5×30   | 5×90       | 84         | 2850  | DN250              | 300       |                                                                                     | 128 | 110  | 100  | 84   | 75   | 65   |
| CBF-5-CDL(F)90-5   | 5×37   | 5×90       | 107        | 2850  | DN250              | 300       |                                                                                     | 160 | 140  | 126  | 107  | 95   | 83   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                            | 0   | 300  | 420  | 540  | 600   | 660   |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|------|------|------|-------|-------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 5000 | 7000 | 9000 | 10000 | 11000 |
| CBF-6-CDL(F)90-1-1 | 6×5.5  | 6×90       | 13         | 2850  | DN250              | 500       |  | 26  | 22   | 18   | 13   | 10    | 6     |
| CBF-6-CDL(F)90-1   | 6×7.5  | 6×90       | 19         | 2850  | DN250              | 500       |                                                                                     | 35  | 30   | 25   | 19   | 15    | 11    |
| CBF-6-CDL(F)90-2-2 | 6×11   | 6×90       | 28         | 2850  | DN250              | 500       |                                                                                     | 49  | 41   | 36   | 28   | 22    | 15    |
| CBF-6-CDL(F)90-2   | 6×15   | 6×90       | 40         | 2850  | DN250              | 500       |                                                                                     | 66  | 56   | 49   | 40   | 35    | 30    |
| CBF-6-CDL(F)90-3-2 | 6×18.5 | 6×90       | 49         | 2850  | DN250              | 500       |                                                                                     | 80  | 68   | 60   | 49   | 41    | 33    |
| CBF-6-CDL(F)90-3   | 6×22   | 6×90       | 61         | 2850  | DN250              | 500       |                                                                                     | 97  | 83   | 73   | 61   | 54    | 47    |
| CBF-6-CDL(F)90-4   | 6×30   | 6×90       | 84         | 2850  | DN250              | 500       |                                                                                     | 128 | 110  | 100  | 84   | 75    | 65    |
| CBF-6-CDL(F)90-5   | 6×37   | 6×90       | 107        | 2850  | DN250              | 500       |                                                                                     | 160 | 140  | 126  | 107  | 95    | 83    |



APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2- 6 parallel connected pumps,integrated advanced controller and all necessary. Booster systems with ON/ OFF control. The sets are arranged so that,at each increase in demand by the users, one or both pumps in succession start automatically. The operation of the number of pumps necessary to satisfy the demand for water results in a marked reduction in power consumption. The electronic circuit in the control box alternates the operation of the pumps.



Max.Head  
128 m

Pump Designs  
Booster set.

Application Limits

Liquid temperature: 0 °C ~ + 60 °C  
Maximum system pressure 16 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting  
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.  
Irrigation: Playing fields in general (football, golf, etc), agriculture, artificial snow systems.



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                              | 0   | 2.4 | 4   | 6    | 8    |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|-----|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 40  | 67  | 100  | 133  |
| CBS-2-CDL(F)3-5  | 2×0.37 | 2×3        | 22         | 2850  | R 2"               | 24        |  | 32  | 30  | 27  | 22   | 14   |
| CBS-2-CDL(F)3-7  | 2×0.55 | 2×3        | 30.5       | 2850  | R 2"               | 24        |                                                                                       | 45  | 42  | 39  | 30.5 | 19.5 |
| CBS-2-CDL(F)3-10 | 2×0.75 | 2×3        | 43         | 2850  | R 2"               | 24        |                                                                                       | 63  | 59  | 55  | 43   | 28   |
| CBS-2-CDL(F)3-15 | 2×1.1  | 2×3        | 68.5       | 2850  | R 2"               | 24        |                                                                                       | 93  | 88  | 82  | 68.5 | 44   |
| CBS-2-CDL(F)3-19 | 2×1.5  | 2×3        | 88         | 2850  | R 2"               | 24        |                                                                                       | 118 | 112 | 104 | 88   | 58   |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                              | 0   | 3.6 | 6   | 9    | 12   |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|-----|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 60  | 100 | 150  | 200  |
| CBS-3-CDL(F)3-5  | 3×0.37 | 3×3        | 22         | 2850  | R 2"               | 24        |  | 32  | 30  | 27  | 22   | 14   |
| CBS-3-CDL(F)3-7  | 3×0.55 | 3×3        | 30.5       | 2850  | R 2"               | 24        |                                                                                       | 45  | 42  | 39  | 30.5 | 19.5 |
| CBS-3-CDL(F)3-10 | 3×0.75 | 3×3        | 43         | 2850  | R 2"               | 24        |                                                                                       | 63  | 59  | 55  | 43   | 28   |
| CBS-3-CDL(F)3-15 | 3×1.1  | 3×3        | 68.5       | 2850  | R 2"               | 24        |                                                                                       | 93  | 88  | 82  | 68.5 | 44   |
| CBS-3-CDL(F)3-19 | 3×1.5  | 3×3        | 88         | 2850  | R 2"               | 24        |                                                                                       | 118 | 112 | 104 | 88   | 58   |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>connección | Tank<br>L | Q (m³/h)                                                                              | 0   | 4   | 6.4  | 8   | 12   | 16   |
|------------------|--------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|-----|------|-----|------|------|
|                  | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 80  | 107  | 133 | 200  | 267  |
| CBS-4-CDL(F)3-5  | 4×0.37 | 4×3        | 22         | 2850  | R 2 1/2"           | 50        |  | 32  | 30  | 28.5 | 27  | 22   | 14   |
| CBS-4-CDL(F)3-7  | 4×0.55 | 4×3        | 30.5       | 2850  | R 2 1/2"           | 50        |                                                                                       | 45  | 42  | 40.5 | 39  | 30.5 | 19.5 |
| CBS-4-CDL(F)3-10 | 4×0.75 | 4×3        | 43         | 2850  | R 2 1/2"           | 50        |                                                                                       | 63  | 59  | 57   | 55  | 43   | 28   |
| CBS-4-CDL(F)3-15 | 4×1.1  | 4×3        | 68.5       | 2850  | R 2 1/2"           | 50        |                                                                                       | 93  | 88  | 85   | 82  | 68.5 | 44   |
| CBS-4-CDL(F)3-19 | 4×1.5  | 4×3        | 88         | 2850  | R 2 1/2"           | 50        |                                                                                       | 118 | 112 | 108  | 104 | 88   | 58   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 4    | 6   | 8    | 10   | 12   | 14   | 16  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                   | Q (L/min) | 0   | 67   | 100 | 133  | 167  | 200  | 233  | 267 |
| CBS-2-CDL(F)5-4  | 2×0.55 | 2×5        | 20         | 2850  | R 2"               | 24        |  |           | 27  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBS-2-CDL(F)5-5  | 2×0.75 | 2×5        | 24.5       | 2850  | R 2"               | 24        |                                                                                   |           | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBS-2-CDL(F)5-8  | 2×1.1  | 2×5        | 40         | 2850  | R 2"               | 24        |                                                                                   |           | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBS-2-CDL(F)5-10 | 2×1.5  | 2×5        | 50         | 2850  | R 2"               | 24        |                                                                                   |           | 66  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBS-2-CDL(F)5-16 | 2×2.2  | 2×5        | 85         | 2850  | R 2"               | 24        |                                                                                   |           | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 6    | 9   | 12   | 15   | 18   | 21   | 24  |
|------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                   | Q (L/min) | 0   | 100  | 150 | 200  | 250  | 300  | 350  | 400 |
| CBS-3-CDL(F)5-4  | 3×0.55 | 3×5        | 20         | 2850  | R 2"               | 24        |  |           | 27  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBS-3-CDL(F)5-5  | 3×0.75 | 3×5        | 24.5       | 2850  | R 2"               | 24        |                                                                                   |           | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBS-3-CDL(F)5-8  | 3×1.1  | 3×5        | 40         | 2850  | R 2"               | 24        |                                                                                   |           | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBS-3-CDL(F)5-10 | 3×1.5  | 3×5        | 50         | 2850  | R 2"               | 24        |                                                                                   |           | 66  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBS-3-CDL(F)5-16 | 3×2.2  | 3×5        | 85         | 2850  | R 2"               | 24        |                                                                                   |           | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |

| Model            | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 8    | 12  | 16   | 20   | 24   | 28   | 32  |
|------------------|--------|------------|------------|-------|--------------------|-----------|------------------------------------------------------------------------------------|-----------|-----|------|-----|------|------|------|------|-----|
|                  | kW     | m³/h       | m          | rpm   |                    |           |                                                                                    | Q (L/min) | 0   | 133  | 200 | 267  | 333  | 400  | 467  | 533 |
| CBS-4-CDL(F)5-4  | 4×0.55 | 4×5        | 20         | 2850  | R 2 1/2"           | 50        |  |           | 26  | 24.5 | 23  | 22.5 | 20   | 17   | 14   | 11  |
| CBS-4-CDL(F)5-5  | 4×0.75 | 4×5        | 24.5       | 2850  | R 2 1/2"           | 50        |                                                                                    |           | 32  | 30.5 | 29  | 27   | 24.5 | 21.5 | 17.5 | 14  |
| CBS-4-CDL(F)5-8  | 4×1.1  | 4×5        | 40         | 2850  | R 2 1/2"           | 50        |                                                                                    |           | 52  | 49   | 47  | 44   | 40   | 36   | 30   | 24  |
| CBS-4-CDL(F)5-10 | 4×1.5  | 4×5        | 50         | 2850  | R 2 1/2"           | 50        |                                                                                    |           | 65  | 62   | 59  | 55   | 50   | 44   | 37   | 30  |
| CBS-4-CDL(F)5-16 | 4×2.2  | 4×5        | 85         | 2850  | R 2 1/2"           | 50        |                                                                                    |           | 108 | 103  | 100 | 94   | 85   | 75   | 63   | 48  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 4   | 8   | 12  | 16  | 20  | 24  | 28  |
|-------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                     | Q (L/min) | 0   | 67  | 133 | 200 | 267 | 333 | 400 | 467 |
| CBS-2-CDL(F)10-3  | 2×1.1 | 2×10       | 25         | 2850  | R 2 1/2"           | 50        |  |           | 34  | 33  | 32  | 31  | 28  | 25  | 21  | 16  |
| CBS-2-CDL(F)10-4  | 2×1.5 | 2×10       | 32         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 44  | 43  | 42  | 40  | 37  | 32  | 27  | 20  |
| CBS-2-CDL(F)10-6  | 2×2.2 | 2×10       | 46         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 63  | 62  | 61  | 58  | 53  | 46  | 38  | 28  |
| CBS-2-CDL(F)10-9  | 2×3   | 2×10       | 71         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 94  | 93  | 91  | 87  | 81  | 71  | 59  | 42  |
| CBS-2-CDL(F)10-12 | 2×4   | 2×10       | 95         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 125 | 123 | 121 | 117 | 108 | 95  | 78  | 55  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 6   | 12  | 18  | 24  | 30  | 36  | 42  |
|-------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                     | Q (L/min) | 0   | 100 | 200 | 300 | 400 | 500 | 600 | 700 |
| CBS-3-CDL(F)10-3  | 3×1.1 | 3×10       | 25         | 2850  | R 2 1/2"           | 50        |  |           | 34  | 33  | 32  | 31  | 28  | 25  | 21  | 16  |
| CBS-3-CDL(F)10-4  | 3×1.5 | 3×10       | 32         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 44  | 43  | 42  | 40  | 37  | 32  | 27  | 20  |
| CBS-3-CDL(F)10-6  | 3×2.2 | 3×10       | 46         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 63  | 62  | 61  | 58  | 53  | 46  | 38  | 28  |
| CBS-3-CDL(F)10-9  | 3×3   | 3×10       | 71         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 94  | 93  | 91  | 87  | 81  | 71  | 59  | 42  |
| CBS-3-CDL(F)10-12 | 3×4   | 3×10       | 95         | 2850  | R 2 1/2"           | 50        |                                                                                     |           | 125 | 123 | 121 | 117 | 108 | 95  | 78  | 55  |

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 8   | 16  | 24  | 32  | 40  | 48  | 56  |
|-------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                     | Q (L/min) | 0   | 133 | 267 | 400 | 533 | 667 | 800 | 933 |
| CBS-4-CDL(F)10-3  | 4×1.1 | 4×10       | 25         | 2850  | DN80               | 80        |  |           | 34  | 33  | 32  | 31  | 28  | 25  | 21  | 16  |
| CBS-4-CDL(F)10-4  | 4×1.5 | 4×10       | 32         | 2850  | DN80               | 80        |                                                                                     |           | 44  | 43  | 42  | 40  | 37  | 32  | 27  | 20  |
| CBS-4-CDL(F)10-6  | 4×2.2 | 4×10       | 46         | 2850  | DN80               | 80        |                                                                                     |           | 63  | 62  | 61  | 58  | 53  | 46  | 38  | 28  |
| CBS-4-CDL(F)10-9  | 4×3   | 4×10       | 71         | 2850  | DN80               | 80        |                                                                                     |           | 94  | 93  | 91  | 87  | 81  | 71  | 59  | 42  |
| CBS-4-CDL(F)10-12 | 4×4   | 4×10       | 95         | 2850  | DN80               | 80        |                                                                                     |           | 125 | 123 | 121 | 117 | 108 | 95  | 78  | 55  |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model             | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 10  | 20  | 30  | 40  | 60   | 60   | 70   |
|-------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|------|------|------|
|                   | kW    | m³/h       | m          | rpm   |                    |           |                                                                                     | Q (L/min) | 0   | 167 | 333 | 500 | 667 | 1000 | 1000 | 1157 |
| CBS-5-CDL(F)10-3  | 5×1.1 | 5×10       | 25         | 2850  | DN80               | 80        |  |           | 34  | 33  | 32  | 31  | 28  | 25   | 21   | 16   |
| CBS-5-CDL(F)10-4  | 5×1.5 | 5×10       | 32         | 2850  | DN80               | 80        |                                                                                     |           | 44  | 43  | 42  | 40  | 37  | 32   | 27   | 20   |
| CBS-5-CDL(F)10-6  | 5×2.2 | 5×10       | 46         | 2850  | DN80               | 80        |                                                                                     |           | 63  | 62  | 61  | 58  | 53  | 46   | 38   | 28   |
| CBS-5-CDL(F)10-9  | 5×3   | 5×10       | 71         | 2850  | DN80               | 80        |                                                                                     |           | 94  | 93  | 91  | 87  | 81  | 71   | 59   | 42   |
| CBS-5-CDL(F)10-12 | 5×4   | 5×10       | 95         | 2850  | DN80               | 80        |                                                                                     |           | 125 | 123 | 121 | 117 | 108 | 95   | 78   | 55   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 16  | 20  | 24  | 28  | 32  | 36  | 40  | 40  | 40  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                     | Q (L/min) | 0   | 267 | 333 | 400 | 467 | 533 | 600 | 667 | 667 | 667 |
| CBS-2-CDL(F)15-2 | 2×2.2 | 2 x 15     | 22         | 2850  | DN80               | 50        |  |           | 28  | 26  | 25  | 24  | 23  | 21  | 20  | 18  | 16  | 14  |
| CBS-2-CDL(F)15-3 | 2×3   | 2 x 15     | 33         | 2850  | DN80               | 50        |                                                                                     |           | 42  | 39  | 38  | 37  | 34  | 31  | 29  | 27  | 24  | 20  |
| CBS-2-CDL(F)15-5 | 2×4   | 2 x 15     | 56         | 2850  | DN80               | 50        |                                                                                     |           | 72  | 66  | 64  | 61  | 58  | 54  | 50  | 45  | 39  | 33  |
| CBS-2-CDL(F)15-7 | 2×5.5 | 2 x 15     | 80         | 2850  | DN80               | 50        |                                                                                     |           | 98  | 94  | 92  | 88  | 83  | 78  | 71  | 64  | 56  | 50  |
| CBS-2-CDL(F)15-9 | 2×7.5 | 2 x 15     | 106        | 2850  | DN80               | 50        |                                                                                     |           | 128 | 122 | 119 | 115 | 109 | 98  | 93  | 87  | 77  | 66  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 24  | 30  | 36  | 42  | 48  | 54  | 60   | 66   | 72   |
|------------------|-------|------------|------------|-------|--------------------|-----------|--------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                      | Q (L/min) | 0   | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| CBS-3-CDL(F)15-2 | 3×2.2 | 3×15       | 22         | 2850  | DN100              | 80        |  |           | 28  | 26  | 25  | 24  | 23  | 21  | 20  | 18   | 16   | 14   |
| CBS-3-CDL(F)15-3 | 3×3   | 3×15       | 33         | 2850  | DN100              | 80        |                                                                                      |           | 42  | 39  | 38  | 37  | 34  | 31  | 29  | 27   | 24   | 20   |
| CBS-3-CDL(F)15-5 | 3×4   | 3×15       | 56         | 2850  | DN100              | 80        |                                                                                      |           | 72  | 66  | 64  | 61  | 58  | 54  | 50  | 45   | 39   | 33   |
| CBS-3-CDL(F)15-7 | 3×5.5 | 3×15       | 80         | 2850  | DN100              | 80        |                                                                                      |           | 98  | 94  | 92  | 88  | 83  | 78  | 71  | 64   | 56   | 50   |
| CBS-3-CDL(F)15-9 | 3×7.5 | 3×15       | 106        | 2850  | DN100              | 80        |                                                                                      |           | 128 | 122 | 119 | 115 | 109 | 103 | 95  | 87   | 77   | 66   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  | Q (m³/h)  | 0   | 32  | 40  | 48  | 56  | 64   | 72   | 80   | 88   | 96   |
|------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----------|-----|-----|-----|-----|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                       | Q (L/min) | 0   | 533 | 667 | 800 | 933 | 1067 | 1200 | 1333 | 1467 | 1600 |
| CBS-4-CDL(F)15-2 | 4×2.2 | 4×15       | 22         | 2850  | DN100              | 80        |  |           | 28  | 26  | 25  | 24  | 23  | 21   | 20   | 18   | 16   | 14   |
| CBS-4-CDL(F)15-3 | 4×3   | 4×15       | 33         | 2850  | DN100              | 80        |                                                                                       |           | 42  | 39  | 38  | 37  | 34  | 31   | 29   | 27   | 24   | 20   |
| CBS-4-CDL(F)15-5 | 4×4   | 4×15       | 56         | 2850  | DN100              | 80        |                                                                                       |           | 72  | 66  | 64  | 61  | 58  | 54   | 50   | 45   | 39   | 33   |
| CBS-4-CDL(F)15-7 | 4×5.5 | 4×15       | 80         | 2850  | DN100              | 80        |                                                                                       |           | 98  | 94  | 92  | 88  | 83  | 78   | 71   | 64   | 56   | 50   |
| CBS-4-CDL(F)15-9 | 4×7.5 | 4×15       | 106        | 2850  | DN100              | 80        |                                                                                       |           | 128 | 122 | 119 | 115 | 109 | 103  | 95   | 87   | 77   | 66   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0   | 40  | 50  | 60   | 70   | 80   | 90   | 100  | 11   | 120  |
|------------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0   | 667 | 833 | 1000 | 1167 | 1333 | 1500 | 1667 | 1833 | 2000 |
| CBS-5-CDL(F)15-2 | 5×2.2 | 5×15       | 22         | 2850  | DN150              | 80   |  | 28  | 26  | 25  | 24   | 23   | 21   | 20   | 18   | 16   | 14   |
| CBS-5-CDL(F)15-3 | 5×3   | 5×15       | 33         | 2850  | DN150              | 80   |                                                                                       | 42  | 39  | 38  | 37   | 34   | 31   | 29   | 27   | 24   | 20   |
| CBS-5-CDL(F)15-5 | 5×4   | 5×15       | 56         | 2850  | DN150              | 80   |                                                                                       | 72  | 66  | 64  | 61   | 58   | 54   | 50   | 45   | 39   | 33   |
| CBS-5-CDL(F)15-7 | 5×5.5 | 5×15       | 80         | 2850  | DN150              | 80   |                                                                                       | 98  | 94  | 92  | 88   | 83   | 78   | 71   | 64   | 56   | 50   |
| CBS-5-CDL(F)15-9 | 5×7.5 | 5×15       | 106        | 2850  | DN150              | 80   |                                                                                       | 128 | 122 | 119 | 115  | 109  | 103  | 95   | 87   | 77   | 66   |





CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0  | 24  | 30  | 36  | 42  | 48  | 54   | 60   | 72   | 78   | 84   |
|------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                         | 0  | 400 | 500 | 600 | 700 | 800 | 900  | 1000 | 1200 | 1300 | 1400 |
| CBS-3-CDL(F)20-2 | 3×2.2 | 3×20       | 21         | 2850  | DN100              | 80        |                        | 29 | 28  | 27  | 26  | 25  | 24  | 22.5 | 21   | 18   | 16   | 14   |
| CBS-3-CDL(F)20-3 | 3×4   | 3×20       | 32         | 2850  | DN100              | 80        |                                                                                                         | 42 | 41  | 40  | 39  | 38  | 36  | 34   | 32   | 27   | 24   | 21   |
| CBS-3-CDL(F)20-5 | 3×5.5 | 3×20       | 55         | 2850  | DN100              | 80        |                                                                                                         | 71 | 68  | 67  | 65  | 63  | 61  | 58   | 55   | 45   | 40   | 33   |
| CBS-3-CDL(F)20-7 | 3×7.5 | 3×20       | 77         | 2850  | DN100              | 80        |                                                                                                         | 99 | 96  | 94  | 92  | 89  | 86  | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0  | 32  | 40  | 48  | 56  | 64   | 72   | 80   | 96   | 104  | 112  |
|------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------------------------|----|-----|-----|-----|-----|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                         | 0  | 533 | 667 | 800 | 933 | 1067 | 1200 | 1333 | 1600 | 1733 | 1867 |
| CBS-4-CDL(F)20-2 | 4×2.2 | 4×20       | 21         | 2850  | DN100              | 80        |                        | 29 | 28  | 27  | 26  | 25  | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBS-4-CDL(F)20-3 | 4×4   | 4×20       | 32         | 2850  | DN100              | 80        |                                                                                                         | 42 | 41  | 40  | 39  | 38  | 36   | 34   | 32   | 27   | 24   | 21   |
| CBS-4-CDL(F)20-5 | 4×5.5 | 4×20       | 55         | 2850  | DN100              | 80        |                                                                                                         | 71 | 68  | 67  | 65  | 63  | 61   | 58   | 55   | 45   | 40   | 33   |
| CBS-4-CDL(F)20-7 | 4×7.5 | 4×20       | 77         | 2850  | DN100              | 80        |                                                                                                         | 99 | 96  | 94  | 92  | 89  | 86   | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0  | 40  | 50  | 60   | 70   | 80   | 90   | 100  | 120  | 130  | 140  |
|------------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------------------------|----|-----|-----|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                         | 0  | 667 | 833 | 1000 | 1167 | 1333 | 1500 | 1667 | 2000 | 2167 | 2333 |
| CBS-5-CDL(F)20-2 | 5×2.2 | 5×20       | 21         | 2850  | DN150              | 80        |                        | 29 | 28  | 27  | 26   | 25   | 24   | 22.5 | 21   | 18   | 16   | 14   |
| CBS-5-CDL(F)20-3 | 5×4   | 5×20       | 32         | 2850  | DN150              | 80        |                                                                                                         | 42 | 41  | 40  | 39   | 38   | 36   | 34   | 32   | 27   | 24   | 21   |
| CBS-5-CDL(F)20-5 | 5×5.5 | 5×20       | 55         | 2850  | DN150              | 80        |                                                                                                         | 71 | 68  | 67  | 65   | 63   | 61   | 58   | 55   | 45   | 40   | 33   |
| CBS-5-CDL(F)20-7 | 5×7.5 | 5×20       | 77         | 2850  | DN150              | 80        |                                                                                                         | 99 | 96  | 94  | 92   | 89   | 86   | 82   | 77   | 65   | 58   | 47   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 24  | 32  | 40  | 48  | 56  | 64   | 72   | 80   |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 400 | 533 | 667 | 800 | 933 | 1067 | 1200 | 1333 |
| CBS-2-CDL(F)32-2 | 2×4   | 2×32       | 24         | 2850  | DN100              | 80        |                        | 40  | 36  | 34  | 32  | 30  | 27  | 24   | 21   | 17   |
| CBS-2-CDL(F)32-3 | 2×5.5 | 2×32       | 37         | 2850  | DN100              | 80        |                                                                                                           | 60  | 54  | 52  | 49  | 46  | 42  | 37   | 31   | 25   |
| CBS-2-CDL(F)32-4 | 2×7.5 | 2×32       | 50         | 2850  | DN100              | 80        |                                                                                                           | 78  | 72  | 69  | 66  | 62  | 56  | 50   | 42   | 34   |
| CBS-2-CDL(F)32-6 | 2×11  | 2×32       | 77         | 2850  | DN100              | 80        |                                                                                                           | 114 | 109 | 105 | 101 | 95  | 87  | 77   | 65   | 52   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 36  | 48  | 60   | 72   | 84   | 96   | 108  | 120  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| CBS-3-CDL(F)32-2 | 3×4   | 3×32       | 24         | 2850  | DN150              | 80        |                        | 40  | 36  | 34  | 32   | 30   | 27   | 24   | 21   | 17   |
| CBS-3-CDL(F)32-3 | 3×5.5 | 3×32       | 37         | 2850  | DN150              | 80        |                                                                                                           | 60  | 54  | 52  | 49   | 46   | 42   | 37   | 31   | 25   |
| CBS-3-CDL(F)32-4 | 3×7.5 | 3×32       | 50         | 2850  | DN150              | 80        |                                                                                                           | 78  | 72  | 69  | 66   | 62   | 56   | 50   | 42   | 34   |
| CBS-3-CDL(F)32-6 | 3×11  | 3×32       | 77         | 2850  | DN150              | 80        |                                                                                                           | 114 | 109 | 105 | 101  | 95   | 87   | 77   | 65   | 52   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 48  | 64   | 80   | 96   | 112  | 128  | 144  | 160  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|-----|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 800 | 1067 | 1333 | 1600 | 1867 | 2133 | 2400 | 2667 |
| CBS-4-CDL(F)32-2 | 4×4   | 4×32       | 24         | 2850  | DN150              | 100       |                        | 40  | 36  | 34   | 32   | 30   | 27   | 24   | 21   | 17   |
| CBS-4-CDL(F)32-3 | 4×5.5 | 4×32       | 37         | 2850  | DN150              | 100       |                                                                                                           | 60  | 54  | 52   | 49   | 46   | 42   | 37   | 31   | 25   |
| CBS-4-CDL(F)32-4 | 4×7.5 | 4×32       | 50         | 2850  | DN150              | 100       |                                                                                                           | 78  | 72  | 69   | 66   | 62   | 56   | 50   | 42   | 34   |
| CBS-4-CDL(F)32-6 | 4×11  | 4×32       | 77         | 2850  | DN150              | 100       |                                                                                                           | 114 | 109 | 105  | 101  | 95   | 87   | 77   | 65   | 52   |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  |
|------------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|------|
|                  | kW    | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 1000 | 1333 | 1667 | 2000 | 2333 | 2667 | 3000 | 3333 |
| CBS-5-CDL(F)32-2 | 5×4   | 5×32       | 24         | 2850  | DN150              | 150       |                        | 40  | 36   | 34   | 32   | 30   | 27   | 24   | 21   | 17   |
| CBS-5-CDL(F)32-3 | 5×5.5 | 5×32       | 37         | 2850  | DN150              | 150       |                                                                                                           | 60  | 54   | 52   | 49   | 46   | 42   | 37   | 31   | 25   |
| CBS-5-CDL(F)32-4 | 5×7.5 | 5×32       | 50         | 2850  | DN150              | 150       |                                                                                                           | 78  | 72   | 69   | 66   | 62   | 56   | 50   | 42   | 34   |
| CBS-5-CDL(F)32-6 | 5×11  | 5×32       | 77         | 2850  | DN150              | 150       |                                                                                                           | 114 | 109  | 105  | 101  | 95   | 87   | 77   | 65   | 52   |



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 75   | 90   | 105  | 120  | 135  | 150  | 165  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 |
| CBS-3-CDL(F)45-2-2 | 3×5.5  | 3×45       | 30         | 2850  | DN200              | 80        |                        | 42  | 40   | 38   | 36   | 33   | 30   | 27   | 23   |
| CBS-3-CDL(F)45-2   | 3×7.5  | 3×45       | 39         | 2850  | DN200              | 100       |                                                                                                           | 52  | 48   | 46   | 44   | 42   | 39   | 35   | 31   |
| CBS-3-CDL(F)45-3   | 3×11   | 3×45       | 58         | 2850  | DN200              | 100       |                                                                                                           | 78  | 72   | 70   | 67   | 63   | 58   | 53   | 45   |
| CBS-3-CDL(F)45-4   | 3×15   | 3×45       | 77         | 2850  | DN200              | 100       |                                                                                                           | 103 | 98   | 94   | 87   | 84   | 77   | 70   | 61   |
| CBS-3-CDL(F)45-5   | 3×18.5 | 3×45       | 97         | 2850  | DN200              | 100       |                                                                                                           | 128 | 123  | 118  | 112  | 105  | 97   | 88   | 77   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 100  | 120  | 140  | 160  | 180  | 200  | 220  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           |                                                                                                           | 0   | 1667 | 2000 | 2333 | 2667 | 3000 | 3333 | 3667 |
| CBS-4-CDL(F)45-2-2 | 4×5.5  | 4×45       | 30         | 2850  | DN200              | 150       |                        | 42  | 40   | 38   | 36   | 33   | 30   | 27   | 23   |
| CBS-4-CDL(F)45-2   | 4×7.5  | 4×45       | 39         | 2850  | DN200              | 150       |                                                                                                           | 52  | 48   | 46   | 44   | 42   | 39   | 35   | 31   |
| CBS-4-CDL(F)45-3   | 4×11   | 4×45       | 58         | 2850  | DN200              | 150       |                                                                                                           | 78  | 72   | 70   | 67   | 63   | 58   | 53   | 45   |
| CBS-4-CDL(F)45-4   | 4×15   | 4×45       | 77         | 2850  | DN200              | 150       |                                                                                                           | 103 | 98   | 94   | 87   | 84   | 77   | 70   | 61   |
| CBS-4-CDL(F)45-5   | 4×18.5 | 4×45       | 97         | 2850  | DN200              | 150       |                                                                                                           | 128 | 123  | 118  | 112  | 105  | 97   | 88   | 77   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 125  | 150  | 175  | 2000 | 225  | 250  | 275  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|------------------------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           |                                                                                                            | 0   | 2083 | 2500 | 2917 | 3333 | 3750 | 4167 | 4583 |
| CBS-5-CDL(F)45-2-2 | 5×5.5  | 5×45       | 30         | 2850  | DN200              | 150       |                        | 42  | 40   | 38   | 36   | 33   | 30   | 27   | 23   |
| CBS-5-CDL(F)45-2   | 5×7.5  | 5×45       | 39         | 2850  | DN200              | 150       |                                                                                                            | 52  | 48   | 46   | 44   | 42   | 39   | 35   | 31   |
| CBS-5-CDL(F)45-3   | 5×11   | 5×45       | 58         | 2850  | DN200              | 150       |                                                                                                            | 78  | 72   | 70   | 67   | 63   | 58   | 53   | 45   |
| CBS-5-CDL(F)45-4   | 5×15   | 5×45       | 77         | 2850  | DN200              | 150       |                                                                                                            | 103 | 98   | 94   | 87   | 84   | 77   | 70   | 61   |
| CBS-5-CDL(F)45-5   | 5×18.5 | 5×45       | 97         | 2850  | DN200              | 150       |                                                                                                            | 128 | 123  | 118  | 112  | 105  | 97   | 88   | 77   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L |  Q (m³/h)<br>Q (L/min) | 0   | 90   | 120  | 150  | 180  | 210  | 240  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           |                                                                                                             | 0   | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 |
| CBS-3-CDL(F)64-1   | 3×5.5  | 3×64       | 19         | 2850  | DN200              | 150       |                        | 30  | 27   | 25   | 23   | 20   | 17   | 14   |
| CBS-3-CDL(F)64-2-2 | 3×7.5  | 3×64       | 26         | 2850  | DN200              | 150       |                                                                                                             | 42  | 37   | 35   | 32   | 28   | 23   | 17   |
| CBS-3-CDL(F)64-2   | 3×11   | 3×64       | 40         | 2850  | DN200              | 150       |                                                                                                             | 62  | 55   | 51   | 47   | 42   | 37   | 30   |
| CBS-3-CDL(F)64-3   | 3×15   | 3×64       | 53         | 2850  | DN200              | 150       |                                                                                                             | 92  | 81   | 76   | 70   | 64   | 55   | 46   |
| CBS-3-CDL(F)64-4-2 | 3×18.5 | 3×64       | 66         | 2850  | DN200              | 150       |                                                                                                             | 100 | 92   | 87   | 80   | 71   | 60   | 49   |
| CBS-3-CDL(F)64-4   | 3×22   | 3×64       | 80         | 2850  | DN200              | 150       |                                                                                                             | 12  | 107  | 101  | 94   | 85   | 74   | 61   |

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                                      | 0   | 120  | 160  | 200  | 240  | 280  | 320  |
|--------------------|--------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                                     | 0   | 2000 | 2667 | 3333 | 4000 | 4667 | 5333 |
| CBS-4-CDL(F)64-1   | 4x5.5  | 3x64       | 19         | 2850  | DN200              | 200  | <br>H(m) | 30  | 27   | 25   | 23   | 20   | 17   | 14   |
| CBS-4-CDL(F)64-2-2 | 4x7.5  | 3x64       | 26         | 2850  | DN200              | 200  |                                                                                               | 42  | 37   | 35   | 32   | 28   | 23   | 17   |
| CBS-4-CDL(F)64-2   | 4x11   | 3x64       | 40         | 2850  | DN200              | 200  |                                                                                               | 62  | 55   | 51   | 47   | 42   | 37   | 30   |
| CBS-4-CDL(F)64-3   | 4x15   | 3x64       | 53         | 2850  | DN200              | 200  |                                                                                               | 92  | 81   | 76   | 70   | 64   | 55   | 46   |
| CBS-4-CDL(F)64-4-2 | 4x18.5 | 3x64       | 66         | 2850  | DN200              | 200  |                                                                                               | 100 | 92   | 87   | 80   | 71   | 60   | 49   |
| CBS-4-CDL(F)64-4   | 4x22   | 3x64       | 80         | 2850  | DN200              | 200  |                                                                                               | 12  | 107  | 101  | 94   | 85   | 74   | 61   |

# CBS-CDL(F) PRESSURE BOOSTER SYSTEM



CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

| Model              | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)  | 0   | 150  | 200  | 250  | 300  | 350  | 400  |
|--------------------|--------|------------|------------|-------|--------------------|-----------|-----------|-----|------|------|------|------|------|------|
|                    | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min) | 0   | 2500 | 3333 | 4167 | 5000 | 5833 | 6667 |
| CBS-5-CDL(F)64-1   | 5×5.5  | 5×64       | 19         | 2850  | DN200              | 200       |           | 30  | 27   | 25   | 23   | 20   | 17   | 14   |
| CBS-5-CDL(F)64-2-2 | 5×7.5  | 5×64       | 26         | 2850  | DN200              | 200       |           | 42  | 37   | 35   | 32   | 28   | 23   | 17   |
| CBS-5-CDL(F)64-2   | 5×11   | 5×64       | 40         | 2850  | DN200              | 200       |           | 62  | 55   | 51   | 47   | 42   | 37   | 30   |
| CBS-5-CDL(F)64-3   | 5×15   | 5×64       | 53         | 2850  | DN200              | 200       |           | 92  | 81   | 76   | 70   | 64   | 55   | 46   |
| CBS-5-CDL(F)64-4-2 | 5×18.5 | 5×64       | 66         | 2850  | DN200              | 200       |           | 100 | 92   | 87   | 80   | 71   | 60   | 49   |
| CBS-5-CDL(F)64-4   | 5×22   | 5×64       | 80         | 2850  | DN200              | 200       |           | 12  | 107  | 101  | 94   | 85   | 74   | 61   |

# HIPM PRESSURE BOOSTER SYSTEM



### Installation And Use

HIPM series motor and frequency converter adopt integrated design, can be used with water pump single, also can be used in a set of matching, interface size adopts standard size, convenient for customer installation.

### Performance Range

HIPM series: 0.75~11kW (1500rpm)  
HIPMseries: 0.75~22kW (3000rpm)

### Applications

water pump  
draught fan  
comperssor  
conveyor  
vacuum pump  
Heating Ventilation Air Conditioning

### Features

High reliability, high efficiency and energy saving  
Frequency conversion integrated design, small volume, light weight, simple structure and easy installation  
Sensorless vector control technology  
Automatically adjust the performance to meet the needs of the system, control and adjust key process parameters  
Rich function, comprehensive protection motor



| Model        | Power | Rated.Voltage | Rated.Current | Rated.Speed | Rated.Torque | Efficient<br>% | Power Factor | N.W |
|--------------|-------|---------------|---------------|-------------|--------------|----------------|--------------|-----|
|              | kW    | V             | A             | rpm         | N.m          |                |              | kg  |
| HIPM71-0.75  | 0.75  | 380V-50/60Hz  | 1.3           | 3000        | 2.4          | 86.5           | 0.9          | 14  |
|              |       |               | 1.3           | 3600        | 2            |                |              |     |
| HIPM90-1.1   | 1.1   | 380V-50/60Hz  | 2             | 3000        | 3.5          | 88             | 0.9          | 16  |
|              |       |               | 2.1           | 3600        | 2.9          |                |              |     |
| HIPM90-1.5   | 1.5   | 380V-50/60Hz  | 2.6           | 3000        | 4.8          | 89.1           | 0.9          | 17  |
|              |       |               | 2.8           | 3600        | 4            |                |              |     |
| HIPM90-2.2   | 2.2   | 380V-50/60Hz  | 4.2           | 3000        | 7            | 90.3           | 0.9          | 16  |
|              |       |               | 4.2           | 3600        | 5.8          |                |              |     |
| HIPM90-3     | 3     | 380V-50/60Hz  | 5.5           | 3000        | 9.6          | 91.2           | 0.9          | 18  |
|              |       |               | 5.7           | 3600        | 8            |                |              |     |
| HIPM112-4    | 4     | 380V-50/60Hz  | 7.4           | 3000        | 12.7         | 92             | 0.9          | 19  |
|              |       |               | 7.8           | 3600        | 10.6         |                |              |     |
| HIPM112-5.5  | 5.5   | 380V-50/60Hz  | 10            | 3000        | 17.5         | 92.8           | 0.9          | 21  |
|              |       |               | 10.2          | 3600        | 14.6         |                |              |     |
| HIPM112-7.5  | 7.5   | 380V-50/60Hz  | 13.7          | 3000        | 23.9         | 93.5           | 0.9          | 35  |
|              |       |               | 14.4          | 3600        | 19.9         |                |              |     |
| HIPM132-11   | 11    | 380V-50/60Hz  | 20.6          | 3000        | 35           | 94.1           | 0.9          | 40  |
|              |       |               | 21.4          | 3600        | 29.2         |                |              |     |
| HIPM112-15   | 15    | 380V-50/60Hz  | 28.2          | 3000        | 47.8         | 94.5           | 0.9          | 45  |
|              |       |               | 28.7          | 3600        | 39.8         |                |              |     |
| HIPM132-18.5 | 18.5  | 380V-50/60Hz  | 33            | 3000        | 58.9         | 94.8           | 0.9          | 46  |
|              |       |               | 33            | 3600        | 49.1         |                |              |     |
| HIPM132-22   | 22    | 380V-50/60Hz  | 40            | 3000        | 70           | 95.2           | 0.9          | 51  |
|              |       |               | 40            | 3600        | 58.7         |                |              |     |

# HPE-CDL(F)-N PRESSURE BOOSTER SYSTEM



### APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2~5 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The frequency converters of this series of pumps are back-to-back type. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.



Max.Head  
148 m

Pump Designs  
Booster set.

### Application Limits

Liquid temperature: 0℃ ~ +60℃  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

### Applications

Water supply: pressurization of industrial applications, apartments, hotels, communities, water treatment plants, camps, schools, hospitals, barracks, etc  
Irrigation: general playground (football, golf, etc.), agriculture, artificial snow system

### USES

Ambient temperature: +5℃ ~+50℃;  
Liquids: clean water and liquids that are not chemically corrosive  
Altitude: not more than 1000 meters  
Positive pressure installation: Negative pressure installation is strictly prohibited



| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)  | 0   | 3    | 4   | 5   | 6   | 7    | 8   | 9   | 10  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-----------|-----|------|-----|-----|-----|------|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min) | 0   | 50   | 67  | 83  | 100 | 117  | 133 | 150 | 167 |
| HPE-2-CDL3-2  | 2×0.37 | 2×3        | 15         | 3450  | R 2"               | 24        |           | 22  | 17.5 | 17  | 16  | 15  | 13.5 | 12  | 10  | 7.5 |
| HPE-2-CDL3-4  | 2×0.55 | 2×3        | 30         | 3450  | R 2"               | 24        |           | 42  | 35   | 34  | 32  | 30  | 27   | 24  | 20  | 15  |
| HPE-2-CDL3-5  | 2×0.75 | 2×3        | 38         | 3450  | R 2"               | 24        |           | 52  | 43   | 42  | 40  | 38  | 34   | 30  | 25  | 19  |
| HPE-2-CDL3-8  | 2×1.1  | 2×3        | 60         | 3450  | R 2"               | 24        |           | 78  | 70   | 67  | 64  | 60  | 54   | 48  | 40  | 30  |
| HPE-2-CDL3-11 | 2×1.5  | 2×3        | 83         | 3450  | R 2"               | 24        |           | 104 | 96   | 92  | 88  | 83  | 75   | 66  | 55  | 42  |
| HPE-2-CDL3-15 | 2×2.2  | 2×3        | 114        | 3450  | R 2"               | 24        |           | 135 | 131  | 126 | 120 | 114 | 102  | 91  | 75  | 57  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)  | 0   | 4.5  | 6   | 7.5 | 9   | 10.5 | 12  | 13.5 | 15  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-----------|-----|------|-----|-----|-----|------|-----|------|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min) | 0   | 75   | 100 | 125 | 150 | 175  | 200 | 225  | 250 |
| HPE-3-CDL3-2  | 3×0.37 | 3×3        | 15         | 3450  | R 2"               | 24        |           | 22  | 17.5 | 17  | 16  | 15  | 13.5 | 12  | 10   | 7.5 |
| HPE-3-CDL3-4  | 3×0.55 | 3×3        | 30         | 3450  | R 2"               | 24        |           | 42  | 35   | 34  | 32  | 30  | 27   | 24  | 20   | 15  |
| HPE-3-CDL3-5  | 3×0.75 | 3×3        | 38         | 3450  | R 2"               | 24        |           | 52  | 43   | 42  | 40  | 38  | 34   | 30  | 25   | 19  |
| HPE-3-CDL3-8  | 3×1.1  | 3×3        | 60         | 3450  | R 2"               | 24        |           | 78  | 70   | 67  | 64  | 60  | 54   | 48  | 40   | 30  |
| HPE-3-CDL3-11 | 3×1.5  | 3×3        | 83         | 3450  | R 2"               | 24        |           | 104 | 96   | 92  | 88  | 83  | 75   | 66  | 55   | 42  |
| HPE-3-CDL3-15 | 3×2.2  | 3×3        | 114        | 3450  | R 2"               | 24        |           | 135 | 131  | 126 | 120 | 114 | 102  | 91  | 75   | 57  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)  | 0   | 6    | 8   | 10  | 12  | 14   | 16  | 18  | 20  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-----------|-----|------|-----|-----|-----|------|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min) | 0   | 100  | 133 | 167 | 200 | 233  | 267 | 300 | 333 |
| HPE-4-CDL3-2  | 4×0.37 | 4×3        | 15         | 3450  | R 2 1/2"           | 50        |           | 22  | 17.5 | 17  | 16  | 15  | 13.5 | 12  | 10  | 7.5 |
| HPE-4-CDL3-4  | 4×0.55 | 4×3        | 30         | 3450  | R 2 1/2"           | 50        |           | 42  | 35   | 34  | 32  | 30  | 27   | 24  | 20  | 15  |
| HPE-4-CDL3-5  | 4×0.75 | 4×3        | 38         | 3450  | R 2 1/2"           | 50        |           | 52  | 43   | 42  | 40  | 38  | 34   | 30  | 25  | 19  |
| HPE-4-CDL3-8  | 4×1.1  | 4×3        | 60         | 3450  | R 2 1/2"           | 50        |           | 78  | 70   | 67  | 64  | 60  | 54   | 48  | 40  | 30  |
| HPE-4-CDL3-11 | 4×1.5  | 4×3        | 83         | 3450  | R 2 1/2"           | 50        |           | 104 | 96   | 92  | 88  | 83  | 75   | 66  | 55  | 42  |
| HPE-4-CDL3-15 | 4×2.2  | 4×3        | 114        | 3450  | R 2 1/2"           | 50        |           | 135 | 131  | 126 | 120 | 114 | 102  | 91  | 75  | 57  |



| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0   | 4   | 6   | 8   | 10   | 12  | 14  | 16  | 18  | 20  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 67  | 100 | 133 | 167  | 200 | 233 | 267 | 300 | 333 |
| HPE-2-CDL5-2  | 2x0.55 | 2x5        | 16.5       | 3450  | R 2"               | 24        |  | 21  | 19  | 18  | 18  | 16.5 | 15  | 14  | 12  | 10  | 8   |
| HPE-2-CDL5-4  | 2x1.1  | 2x5        | 33         | 3450  | R 2"               | 24        |                                                                                   | 42  | 37  | 36  | 36  | 33   | 30  | 27  | 24  | 20  | 16  |
| HPE-2-CDL5-5  | 2x1.5  | 2x5        | 41         | 3450  | R 2"               | 24        |                                                                                   | 56  | 47  | 45  | 45  | 41   | 38  | 34  | 30  | 25  | 20  |
| HPE-2-CDL5-9  | 2x2.2  | 2x5        | 74         | 3450  | R 2"               | 24        |                                                                                   | 92  | 84  | 81  | 81  | 74   | 68  | 62  | 54  | 45  | 36  |
| HPE-2-CDL5-12 | 2x3    | 2x5        | 99         | 3450  | R 2"               | 24        |                                                                                   | 112 | 112 | 108 | 108 | 99   | 91  | 82  | 72  | 60  | 48  |
| HPE-2-CDL5-14 | 2x4    | 2x5        | 116        | 3450  | R 2"               | 24        |                                                                                   | 138 | 131 | 126 | 126 | 116  | 106 | 96  | 84  | 70  | 56  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          | 0   | 6   | 9   | 12  | 15   | 18  | 21  | 24  | 27  | 30  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0   | 100 | 150 | 200 | 250  | 300 | 350 | 400 | 450 | 500 |
| HPE-3-CDL5-2  | 3x0.55 | 3x5        | 16.5       | 3450  | R 2"               | 24        |  | 21  | 19  | 18  | 18  | 16.5 | 15  | 14  | 12  | 10  | 8   |
| HPE-3-CDL5-4  | 3x1.1  | 3x5        | 33         | 3450  | R 2"               | 24        |                                                                                   | 42  | 37  | 36  | 36  | 33   | 30  | 27  | 24  | 20  | 16  |
| HPE-3-CDL5-5  | 3x1.5  | 3x5        | 41         | 3450  | R 2"               | 24        |                                                                                   | 56  | 47  | 45  | 45  | 41   | 38  | 34  | 30  | 25  | 20  |
| HPE-3-CDL5-9  | 3x2.2  | 3x5        | 74         | 3450  | R 2"               | 24        |                                                                                   | 92  | 84  | 81  | 81  | 74   | 68  | 62  | 54  | 45  | 36  |
| HPE-3-CDL5-12 | 3x3    | 3x5        | 99         | 3450  | R 2"               | 24        |                                                                                   | 112 | 112 | 108 | 108 | 99   | 91  | 82  | 72  | 60  | 48  |
| HPE-3-CDL5-14 | 3x4    | 3x5        | 116        | 3450  | R 2"               | 24        |                                                                                   | 138 | 131 | 126 | 126 | 116  | 106 | 96  | 84  | 70  | 56  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 8   | 12  | 16  | 20   | 24  | 28  | 32  | 36  | 40  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 133 | 200 | 267 | 333  | 400 | 467 | 533 | 600 | 667 |
| HPE-4-CDL5-2  | 4x0.55 | 4x5        | 16.5       | 3450  | R 2 1/2"           | 50        |  | 21  | 19  | 18  | 18  | 16.5 | 15  | 14  | 12  | 10  | 8   |
| HPE-4-CDL5-4  | 4x1.1  | 4x5        | 33         | 3450  | R 2 1/2"           | 50        |                                                                                     | 42  | 37  | 36  | 36  | 33   | 30  | 27  | 24  | 20  | 16  |
| HPE-4-CDL5-5  | 4x1.5  | 4x5        | 41         | 3450  | R 2 1/2"           | 50        |                                                                                     | 56  | 47  | 45  | 45  | 41   | 38  | 34  | 30  | 25  | 20  |
| HPE-4-CDL5-9  | 4x2.2  | 4x5        | 74         | 3450  | R 2 1/2"           | 50        |                                                                                     | 92  | 84  | 81  | 81  | 74   | 68  | 62  | 54  | 45  | 36  |
| HPE-4-CDL5-12 | 4x3    | 4x5        | 99         | 3450  | R 2 1/2"           | 50        |                                                                                     | 112 | 112 | 108 | 108 | 99   | 91  | 82  | 72  | 60  | 48  |
| HPE-4-CDL5-14 | 4x4    | 4x5        | 116        | 3450  | R 2 1/2"           | 50        |                                                                                     | 138 | 131 | 126 | 126 | 116  | 106 | 96  | 84  | 70  | 56  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 14  | 16   | 18   | 20   | 22  | 24   | 26  | 28  | 30  | 32  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|------|------|------|-----|------|-----|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 233 | 267  | 300  | 333  | 367 | 400  | 433 | 467 | 500 | 533 |
| HPE-2-CDL10-1 | 2x0.75 | 2x10       | 12.5       | 3450  | R 2 1/2"           | 50        |  | 22  | 14  | 13.5 | 13.3 | 12.5 | 12  | 11.5 | 11  | 10  | 9.5 | 8   |
| HPE-2-CDL10-2 | 2x1.5  | 2x10       | 25.5       | 3450  | R 2 1/2"           | 50        |                                                                                     | 38  | 28  | 27   | 26   | 25.5 | 24  | 23   | 22  | 20  | 19  | 16  |
| HPE-2-CDL10-3 | 2x2.2  | 2x10       | 38         | 3450  | R 2 1/2"           | 50        |                                                                                     | 52  | 43  | 41   | 40   | 38   | 36  | 35   | 33  | 30  | 28  | 24  |
| HPE-2-CDL10-5 | 2x3    | 2x10       | 64         | 3450  | R 2 1/2"           | 50        |                                                                                     | 80  | 71  | 69   | 67   | 64   | 60  | 58   | 55  | 50  | 46  | 40  |
| HPE-2-CDL10-6 | 2x4    | 2x10       | 77         | 3450  | R 2 1/2"           | 50        |                                                                                     | 92  | 82  | 82   | 80   | 77   | 73  | 70   | 66  | 60  | 56  | 48  |
| HPE-2-CDL10-9 | 2x5.5  | 2x10       | 115        | 3450  | R 2 1/2"           | 50        |                                                                                     | 132 | 128 | 124  | 120  | 115  | 109 | 106  | 99  | 90  | 84  | 72  |

| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 21  | 24   | 27   | 30   | 33  | 36   | 39  | 42  | 45  | 48  |
|---------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|------|------|------|-----|------|-----|-----|-----|-----|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 350 | 400  | 450  | 500  | 550 | 600  | 650 | 700 | 750 | 800 |
| HPE-3-CDL10-1 | 3x0.75 | 3x10       | 12.5       | 3450  | DN80               | 50        |  | 22  | 14  | 13.5 | 13.3 | 12.5 | 12  | 11.5 | 11  | 10  | 9.5 | 8   |
| HPE-3-CDL10-2 | 3x1.5  | 3x10       | 25.5       | 3450  | DN80               | 50        |                                                                                     | 38  | 28  | 27   | 26   | 25.5 | 24  | 23   | 22  | 20  | 19  | 16  |
| HPE-3-CDL10-3 | 3x2.2  | 3x10       | 38         | 3450  | DN80               | 50        |                                                                                     | 52  | 43  | 41   | 40   | 38   | 36  | 35   | 33  | 30  | 28  | 24  |
| HPE-3-CDL10-5 | 3x3    | 3x10       | 64         | 3450  | DN80               | 50        |                                                                                     | 80  | 71  | 69   | 67   | 64   | 60  | 58   | 55  | 50  | 46  | 40  |
| HPE-3-CDL10-6 | 3x4    | 3x10       | 77         | 3450  | DN80               | 50        |                                                                                     | 92  | 82  | 82   | 80   | 77   | 73  | 70   | 66  | 60  | 56  | 48  |
| HPE-3-CDL10-9 | 3x5.5  | 3x10       | 115        | 3450  | DN80               | 50        |                                                                                     | 132 | 128 | 124  | 120  | 115  | 109 | 106  | 99  | 90  | 84  | 72  |



| Model         | Power  | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 28  | 32   | 36   | 40   | 44  | 48   | 52  | 56  | 60   | 64   |
|---------------|--------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|------|------|------|-----|------|-----|-----|------|------|
|               | kW     | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 467 | 533  | 600  | 667  | 733 | 800  | 867 | 933 | 1000 | 1067 |
| HPE-4-CDL10-1 | 4x0.75 | 4x10       | 12.5       | 3450  | DN80               | 80        |  | 22  | 14  | 13.5 | 13.3 | 12.5 | 12  | 11.5 | 11  | 10  | 9.5  | 8    |
| HPE-4-CDL10-2 | 4x1.5  | 4x10       | 25.5       | 3450  | DN80               | 80        |                                                                                     | 38  | 28  | 27   | 26   | 25.5 | 24  | 23   | 22  | 20  | 19   | 16   |
| HPE-4-CDL10-3 | 4x2.2  | 4x10       | 38         | 3450  | DN80               | 80        |                                                                                     | 52  | 43  | 41   | 40   | 38   | 36  | 35   | 33  | 30  | 28   | 24   |
| HPE-4-CDL10-5 | 4x3    | 4x10       | 64         | 3450  | DN80               | 80        |                                                                                     | 80  | 71  | 69   | 67   | 64   | 60  | 58   | 55  | 50  | 46   | 40   |
| HPE-4-CDL10-6 | 4x4    | 4x10       | 77         | 3450  | DN80               | 80        |                                                                                     | 92  | 82  | 82   | 80   | 77   | 73  | 70   | 66  | 60  | 56   | 48   |
| HPE-4-CDL10-9 | 4x5.5  | 4x10       | 115        | 3450  | DN80               | 80        |                                                                                     | 132 | 128 | 124  | 120  | 115  | 109 | 106  | 99  | 90  | 84   | 72   |

| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 35  | 40  | 45  | 50   | 55  | 60   | 65   | 70   | 75   | 80   |
|---------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----|------|------|------|------|------|
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 583 | 667 | 750 | 833  | 917 | 1000 | 1083 | 1167 | 1250 | 1333 |
| HPE-5-CDL10-2 | 3x1.5 | 3x10       | 25.5       | 3450  | DN80               | 50        |  | 38  | 28  | 27  | 26  | 25.5 | 24  | 23   | 22   | 20   | 19   | 16   |
| HPE-5-CDL10-3 | 3x2.2 | 3x10       | 38         | 3450  | DN80               | 50        |                                                                                     | 52  | 43  | 41  | 40  | 38   | 36  | 35   | 33   | 30   | 28   | 24   |
| HPE-5-CDL10-5 | 3x3   | 3x10       | 64         | 3450  | DN80               | 50        |                                                                                     | 80  | 71  | 69  | 67  | 64   | 60  | 58   | 55   | 50   | 46   | 40   |
| HPE-5-CDL10-6 | 3x4   | 3x10       | 77         | 3450  | DN80               | 50        |                                                                                     | 92  | 82  | 82  | 80  | 77   | 73  | 70   | 66   | 60   | 56   | 48   |
| HPE-5-CDL10-9 | 3x5.5 | 3x10       | 115        | 3450  | DN80               | 50        |                                                                                     | 132 | 128 | 124 | 120 | 115  | 109 | 106  | 99   | 90   | 84   | 72   |

| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 20   | 24  | 28   | 32   | 36  | 40  | 44  | 48   | 52   |
|---------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|------|-----|------|------|-----|-----|-----|------|------|
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 333  | 400 | 467  | 533  | 600 | 667 | 733 | 800  | 867  |
| HPE-2-CDL15-1 | 2x1.5 | 2x15       | 17         | 3450  | DN80               | 50        |  | 20  | 18.3 | 18  | 17.5 | 16.5 | 16  | 15  | 14  | 12.5 | 10.5 |
| HPE-2-CDL15-2 | 2x3   | 2x15       | 34         | 3450  | DN80               | 50        |                                                                                       | 40  | 36.5 | 36  | 35   | 33   | 32  | 30  | 27  | 25   | 21   |
| HPE-2-CDL15-3 | 2x4   | 2x15       | 51.5       | 3450  | DN80               | 50        |                                                                                       | 62  | 55   | 54  | 52   | 50   | 48  | 45  | 41  | 37   | 32   |
| HPE-2-CDL15-4 | 2x5.5 | 2x15       | 69         | 3450  | DN80               | 50        |                                                                                       | 85  | 73   | 72  | 70   | 66   | 64  | 60  | 55  | 49   | 42   |
| HPE-2-CDL15-5 | 2x7.5 | 2x15       | 86         | 3450  | DN80               | 50        |                                                                                       | 106 | 92   | 89  | 87   | 83   | 80  | 74  | 69  | 62   | 53   |
| HPE-2-CDL15-7 | 2x11  | 2x15       | 120        | 3450  | DN80               | 50        |                                                                                       | 145 | 128  | 125 | 122  | 117  | 112 | 104 | 97  | 86   | 74   |

| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 30   | 36  | 42   | 48   | 54  | 60   | 66   | 72   | 78   |
|---------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|------|-----|------|------|-----|------|------|------|------|
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 500  | 600 | 700  | 800  | 900 | 1000 | 1100 | 1200 | 1300 |
| HPE-3-CDL15-1 | 3x1.5 | 3x15       | 17         | 3450  | DN100              | 80        |  | 20  | 18.3 | 18  | 17.5 | 16.5 | 16  | 15   | 14   | 12.5 | 10.5 |
| HPE-3-CDL15-2 | 3x3   | 3x15       | 34         | 3450  | DN100              | 80        |                                                                                       | 40  | 36.5 | 36  | 35   | 33   | 32  | 30   | 27   | 25   | 21   |
| HPE-3-CDL15-3 | 3x4   | 3x15       | 51.5       | 3450  | DN100              | 80        |                                                                                       | 62  | 55   | 54  | 52   | 50   | 48  | 45   | 41   | 37   | 32   |
| HPE-3-CDL15-4 | 3x5.5 | 3x15       | 69         | 3450  | DN100              | 80        |                                                                                       | 85  | 73   | 72  | 70   | 66   | 64  | 60   | 55   | 49   | 42   |
| HPE-3-CDL15-5 | 3x7.5 | 3x15       | 86         | 3450  | DN100              | 80        |                                                                                       | 106 | 92   | 89  | 87   | 83   | 80  | 74   | 69   | 62   | 53   |
| HPE-3-CDL15-7 | 3x11  | 3x15       | 120        | 3450  | DN100              | 80        |                                                                                       | 145 | 128  | 125 | 122  | 117  | 112 | 104  | 97   | 86   | 74   |

| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                              | 0   | 40   | 48  | 56   | 64   | 72   | 80   | 88   | 96   | 104  |
|---------------|-------|------------|------------|-------|--------------------|------|---------------------------------------------------------------------------------------|-----|------|-----|------|------|------|------|------|------|------|
|               | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                             | 0   | 667  | 800 | 933  | 1067 | 1200 | 1333 | 1467 | 1600 | 1733 |
| HPE-4-CDL15-1 | 4x1.5 | 4x15       | 17         | 3450  | DN100              | 80   |  | 20  | 18.3 | 18  | 17.5 | 16.5 | 16   | 15   | 14   | 12.5 | 10.5 |
| HPE-4-CDL15-2 | 4x3   | 4x15       | 34         | 3450  | DN100              | 80   |                                                                                       | 40  | 36.5 | 36  | 35   | 33   | 32   | 30   | 27   | 25   | 21   |
| HPE-4-CDL15-3 | 4x4   | 4x15       | 51.5       | 3450  | DN100              | 80   |                                                                                       | 62  | 55   | 54  | 52   | 50   | 48   | 45   | 41   | 37   | 32   |
| HPE-4-CDL15-4 | 4x5.5 | 4x15       | 69         | 3450  | DN100              | 80   |                                                                                       | 85  | 73   | 72  | 70   | 66   | 64   | 60   | 55   | 49   | 42   |
| HPE-4-CDL15-5 | 4x7.5 | 4x15       | 86         | 3450  | DN100              | 80   |                                                                                       | 106 | 92   | 89  | 87   | 83   | 80   | 74   | 69   | 62   | 53   |
| HPE-4-CDL15-7 | 4x11  | 4x15       | 120        | 3450  | DN100              | 80   |                                                                                       | 145 | 128  | 125 | 122  | 117  | 112  | 104  | 97   | 86   | 74   |





| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  |
|---------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|------|------|
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 833  | 1000 | 1167 | 1333 | 1500 | 1667 | 1833 | 2000 | 2167 |
| HPE-5-CDL15-1 | 5x1.5 | 5x15       | 17         | 3450  | DN150              | 80        |    | 20  | 18.3 | 18   | 17.5 | 16.5 | 16   | 15   | 14   | 12.5 | 10.5 |
| HPE-5-CDL15-2 | 5x3   | 5x15       | 34         | 3450  | DN150              | 80        |                                                                                     | 40  | 36.5 | 36   | 35   | 33   | 32   | 30   | 27   | 25   | 21   |
| HPE-5-CDL15-3 | 5x4   | 5x15       | 51.5       | 3450  | DN150              | 80        |                                                                                     | 62  | 55   | 54   | 52   | 50   | 48   | 45   | 41   | 37   | 32   |
| HPE-5-CDL15-4 | 5x5.5 | 5x15       | 69         | 3450  | DN150              | 80        |                                                                                     | 85  | 73   | 72   | 70   | 66   | 64   | 60   | 55   | 49   | 42   |
| HPE-5-CDL15-5 | 5x7.5 | 5x15       | 86         | 3450  | DN150              | 80        |                                                                                     | 106 | 92   | 89   | 87   | 83   | 80   | 74   | 69   | 62   | 53   |
| HPE-5-CDL15-7 | 5x11  | 5x15       | 120        | 3450  | DN150              | 80        |                                                                                     | 145 | 128  | 125  | 122  | 117  | 112  | 104  | 97   | 86   | 74   |
| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 24   | 32   | 40   | 48   | 56   | 64   | 68   |      |      |
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 400  | 533  | 667  | 800  | 933  | 1067 | 1133 |      |      |
| HPE-2-CDL20-1 | 2x2.2 | 2x20       | 17         | 3450  | DN80               | 80        |    | 27  | 19   | 18   | 17   | 15   | 13   | 11   | 8.5  |      |      |
| HPE-2-CDL20-2 | 2x4   | 2x20       | 34         | 3450  | DN80               | 80        |                                                                                     | 50  | 37   | 36   | 34   | 30   | 26   | 22   | 17   |      |      |
| HPE-2-CDL20-3 | 2x5.5 | 2x20       | 50         | 3450  | DN80               | 80        |                                                                                     | 70  | 56   | 54   | 50   | 45   | 38   | 31   | 25   |      |      |
| HPE-2-CDL20-4 | 2x7.5 | 2x20       | 67         | 3450  | DN80               | 80        |                                                                                     | 90  | 75   | 72   | 67   | 60   | 51   | 42   | 34   |      |      |
| HPE-2-CDL20-6 | 2x11  | 2x20       | 100        | 3450  | DN80               | 80        |                                                                                     | 128 | 113  | 108  | 100  | 90   | 77   | 63   | 51   |      |      |
| HPE-2-CDL20-7 | 2x15  | 2x20       | 117        | 3450  | DN80               | 80        |                                                                                     | 148 | 132  | 126  | 117  | 105  | 90   | 73   | 60   |      |      |
| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 36   | 48   | 60   | 72   | 84   | 96   | 102  |      |      |
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1700 |      |      |
| HPE-3-CDL20-1 | 3x2.2 | 3x20       | 17         | 3450  | DN100              | 80        |  | 27  | 19   | 18   | 17   | 15   | 13   | 11   | 8.5  |      |      |
| HPE-3-CDL20-2 | 3x4   | 3x20       | 34         | 3450  | DN100              | 80        |                                                                                     | 50  | 37   | 36   | 34   | 30   | 26   | 22   | 17   |      |      |
| HPE-3-CDL20-3 | 3x5.5 | 3x20       | 50         | 3450  | DN100              | 80        |                                                                                     | 70  | 56   | 54   | 50   | 45   | 38   | 31   | 25   |      |      |
| HPE-3-CDL20-4 | 3x7.5 | 3x20       | 67         | 3450  | DN100              | 80        |                                                                                     | 90  | 75   | 72   | 67   | 60   | 51   | 42   | 34   |      |      |
| HPE-3-CDL20-6 | 3x11  | 3x20       | 100        | 3450  | DN100              | 80        |                                                                                     | 128 | 113  | 108  | 100  | 90   | 77   | 63   | 51   |      |      |
| HPE-3-CDL20-7 | 3x15  | 3x20       | 117        | 3450  | DN100              | 80        |                                                                                     | 148 | 132  | 126  | 117  | 105  | 90   | 73   | 60   |      |      |
| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 48   | 64   | 80   | 96   | 112  | 124  | 136  |      |      |
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 800  | 1067 | 1333 | 1600 | 1867 | 2133 | 2267 |      |      |
| HPE-4-CDL20-1 | 4x2.2 | 4x20       | 17         | 3450  | DN100              | 80        |  | 27  | 19   | 18   | 17   | 15   | 13   | 11   | 8.5  |      |      |
| HPE-4-CDL20-2 | 4x4   | 4x20       | 34         | 3450  | DN100              | 80        |                                                                                     | 50  | 37   | 36   | 34   | 30   | 26   | 22   | 17   |      |      |
| HPE-4-CDL20-3 | 4x5.5 | 4x20       | 50         | 3450  | DN100              | 80        |                                                                                     | 70  | 56   | 54   | 50   | 45   | 38   | 31   | 25   |      |      |
| HPE-4-CDL20-4 | 4x7.5 | 4x20       | 67         | 3450  | DN100              | 80        |                                                                                     | 90  | 75   | 72   | 67   | 60   | 51   | 42   | 34   |      |      |
| HPE-4-CDL20-6 | 4x11  | 4x20       | 100        | 3450  | DN100              | 80        |                                                                                     | 128 | 113  | 108  | 100  | 90   | 77   | 63   | 51   |      |      |
| HPE-4-CDL20-7 | 4x15  | 4x20       | 117        | 3450  | DN100              | 80        |                                                                                     | 148 | 132  | 126  | 117  | 105  | 90   | 73   | 60   |      |      |
| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            | 0   | 60   | 80   | 100  | 120  | 140  | 160  | 170  |      |      |
|               | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0   | 1000 | 1333 | 1667 | 2000 | 2333 | 2667 | 2833 |      |      |
| HPE-5-CDL20-1 | 5x2.2 | 5x20       | 17         | 3450  | DN150              | 80        |  | 27  | 19   | 18   | 17   | 15   | 13   | 11   | 8.5  |      |      |
| HPE-5-CDL20-2 | 5x4   | 5x20       | 34         | 3450  | DN150              | 80        |                                                                                     | 50  | 37   | 36   | 34   | 30   | 26   | 22   | 17   |      |      |
| HPE-5-CDL20-3 | 5x5.5 | 5x20       | 50         | 3450  | DN150              | 80        |                                                                                     | 70  | 56   | 54   | 50   | 45   | 38   | 31   | 25   |      |      |
| HPE-5-CDL20-4 | 5x7.5 | 5x20       | 67         | 3450  | DN150              | 80        |                                                                                     | 90  | 75   | 72   | 67   | 60   | 51   | 42   | 34   |      |      |
| HPE-5-CDL20-6 | 5x11  | 5x20       | 100        | 3450  | DN150              | 80        |                                                                                     | 128 | 113  | 108  | 100  | 90   | 77   | 63   | 51   |      |      |
| HPE-5-CDL20-7 | 5x15  | 5x20       | 117        | 3450  | DN150              | 80        |                                                                                     | 148 | 132  | 126  | 117  | 105  | 90   | 73   | 60   |      |      |



| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 40   | 48   | 56   | 64   | 72   | 80   | 88   | 96   |
|-----------------|-------|------------|------------|-------|--------------------|-----------|---------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|------|
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 667  | 800  | 933  | 1067 | 1200 | 1333 | 1467 | 1600 |
| HPE-2-CDL32-1-1 | 2x2.2 | 2x32       | 17         | 3450  | DN100              | 80        |    | 22  | 20   | 19   | 18   | 17   | 16   | 15   | 13   | 11   |
| HPE-2-CDL32-1   | 2x3   | 2x32       | 22         | 3450  | DN100              | 80        |                                                                                       | 30  | 26   | 25   | 24   | 22   | 21   | 19   | 18   | 15   |
| HPE-2-CDL32-2   | 2x7.5 | 2x32       | 45         | 3450  | DN100              | 80        |                                                                                       | 55  | 50   | 49   | 47   | 45   | 42   | 39   | 35   | 31   |
| HPE-2-CDL32-4-2 | 2x11  | 2x32       | 73         | 3450  | DN100              | 80        |                                                                                       | 95  | 87   | 82   | 78   | 73   | 66   | 59   | 51   | 44   |
| HPE-2-CDL32-5-2 | 2x15  | 2x32       | 95         | 3450  | DN100              | 80        |                                                                                       | 124 | 113  | 109  | 103  | 95   | 86   | 75   | 64   | 51   |
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 144  |
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| HPE-3-CDL32-1-1 | 3x2.2 | 3x32       | 17         | 3450  | DN150              | 80        |    | 22  | 20   | 19   | 18   | 17   | 16   | 15   | 13   | 11   |
| HPE-3-CDL32-1   | 3x3   | 3x32       | 22         | 3450  | DN150              | 80        |                                                                                       | 30  | 26   | 25   | 24   | 22   | 21   | 19   | 18   | 15   |
| HPE-3-CDL32-2   | 3x7.5 | 3x32       | 45         | 3450  | DN150              | 80        |                                                                                       | 55  | 50   | 49   | 47   | 45   | 42   | 39   | 35   | 31   |
| HPE-3-CDL32-4-2 | 3x11  | 3x32       | 73         | 3450  | DN150              | 80        |                                                                                       | 95  | 87   | 82   | 78   | 73   | 66   | 59   | 51   | 44   |
| HPE-3-CDL32-5-2 | 3x15  | 3x32       | 95         | 3450  | DN150              | 80        |                                                                                       | 124 | 113  | 109  | 103  | 95   | 86   | 75   | 64   | 51   |
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 80   | 96   | 112  | 128  | 144  | 160  | 176  | 192  |
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 1333 | 1600 | 1867 | 2133 | 2400 | 2667 | 2933 | 3200 |
| HPE-4-CDL32-1-1 | 4x2.2 | 4x32       | 17         | 3450  | DN150              | 100       |   | 22  | 20   | 19   | 18   | 17   | 16   | 15   | 13   | 11   |
| HPE-4-CDL32-1   | 4x3   | 4x32       | 22         | 3450  | DN150              | 100       |                                                                                       | 30  | 26   | 25   | 24   | 22   | 21   | 19   | 18   | 15   |
| HPE-4-CDL32-2   | 4x7.5 | 4x32       | 45         | 3450  | DN150              | 100       |                                                                                       | 55  | 50   | 49   | 47   | 45   | 42   | 39   | 35   | 31   |
| HPE-4-CDL32-4-2 | 4x11  | 4x32       | 73         | 3450  | DN150              | 100       |                                                                                       | 95  | 87   | 82   | 78   | 73   | 66   | 59   | 51   | 44   |
| HPE-4-CDL32-5-2 | 4x15  | 4x32       | 95         | 3450  | DN150              | 100       |                                                                                       | 124 | 113  | 109  | 103  | 95   | 86   | 75   | 64   | 51   |
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  |
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 1667 | 2000 | 2333 | 2667 | 3000 | 3333 | 3667 | 4000 |
| HPE-5-CDL32-1-1 | 5x2.2 | 5x32       | 17         | 3450  | DN150              | 150       |  | 22  | 20   | 19   | 18   | 17   | 16   | 15   | 13   | 11   |
| HPE-5-CDL32-1   | 5x3   | 5x32       | 22         | 3450  | DN150              | 150       |                                                                                       | 30  | 26   | 25   | 24   | 22   | 21   | 19   | 18   | 15   |
| HPE-5-CDL32-2   | 5x7.5 | 5x32       | 45         | 3450  | DN150              | 150       |                                                                                       | 55  | 50   | 49   | 47   | 45   | 42   | 39   | 35   | 31   |
| HPE-5-CDL32-4-2 | 5x11  | 5x32       | 73         | 3450  | DN150              | 150       |                                                                                       | 95  | 87   | 82   | 78   | 73   | 66   | 59   | 51   | 44   |
| HPE-5-CDL32-5-2 | 5x15  | 5x32       | 95         | 3450  | DN150              | 150       |                                                                                       | 124 | 113  | 109  | 103  | 95   | 86   | 75   | 64   | 51   |
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  |
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 1000 | 1167 | 1333 | 1500 | 1667 | 1833 | 2000 | 2167 |
| HPE-2-CDL45-1-1 | 2x5.5 | 2x45       | 25         | 3450  | DN150              | 80        |  | 32  | 29   | 28   | 27   | 25   | 23   | 21   | 19   | 16   |
| HPE-2-CDL45-1   | 2x7.5 | 2x45       | 30         | 3450  | DN150              | 80        |                                                                                       | 38  | 34   | 33   | 32   | 30   | 29   | 27   | 25   | 22   |
| HPE-2-CDL45-2-2 | 2x11  | 2x45       | 49         | 3450  | DN150              | 80        |                                                                                       | 60  | 57   | 55   | 53   | 49   | 46   | 43   | 38   | 33   |
| HPE-2-CDL45-2   | 2x15  | 2x45       | 61         | 3450  | DN150              | 80        |                                                                                       | 72  | 69   | 67   | 65   | 61   | 59   | 55   | 50   | 44   |
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                              | 0   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  |
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                             | 0   | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 |
| HPE-3-CDL45-1-1 | 3x5.5 | 3x45       | 25         | 3450  | DN200              | 100       |  | 32  | 29   | 28   | 27   | 25   | 23   | 21   | 19   | 16   |



| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0  | 120  | 140  | 160  | 180  | 200  | 220  | 240  | 260  |
|-----------------|-------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|----|------|------|------|------|------|------|------|------|
|                 | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0  | 2000 | 2333 | 2667 | 3000 | 3333 | 3667 | 4000 | 4333 |
| HPE-4-CDL45-1-1 | 4x5.5 | 4x45       | 25         | 3450  | DN200              | 150  |  | 32 | 29   | 28   | 27   | 25   | 23   | 21   | 19   | 16   |
| HPE-4-CDL45-1   | 4x7.5 | 4x45       | 30         | 3450  | DN200              | 150  |                                                                                   | 38 | 34   | 33   | 32   | 30   | 29   | 27   | 25   | 22   |
| HPE-4-CDL45-2-2 | 4x11  | 4x45       | 49         | 3450  | DN200              | 150  |                                                                                   | 60 | 57   | 55   | 53   | 49   | 46   | 43   | 38   | 33   |
| HPE-4-CDL45-2   | 4x15  | 4x45       | 61         | 3450  | DN200              | 150  |                                                                                   | 72 | 69   | 67   | 65   | 61   | 59   | 55   | 50   | 44   |

| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank | Q (m³/h)                                                                          | 0  | 150  | 175  | 200  | 225  | 250  | 275  | 300  | 325  |
|-----------------|-------|------------|------------|-------|--------------------|------|-----------------------------------------------------------------------------------|----|------|------|------|------|------|------|------|------|
|                 | kW    | m³/h       | m          | rpm   |                    | L    | Q (L/min)                                                                         | 0  | 2500 | 2917 | 3333 | 3750 | 4167 | 4583 | 5000 | 5417 |
| HPE-5-CDL45-1-1 | 5x5.5 | 5x45       | 25         | 3450  | DN200              | 200  |  | 32 | 29   | 28   | 27   | 25   | 23   | 21   | 19   | 16   |
| HPE-5-CDL45-1   | 5x7.5 | 5x45       | 30         | 3450  | DN200              | 200  |                                                                                   | 38 | 34   | 33   | 32   | 30   | 29   | 27   | 25   | 22   |
| HPE-5-CDL45-2-2 | 5x11  | 5x45       | 49         | 3450  | DN200              | 200  |                                                                                   | 60 | 57   | 55   | 53   | 49   | 46   | 43   | 38   | 33   |
| HPE-5-CDL45-2   | 5x15  | 5x45       | 61         | 3450  | DN200              | 200  |                                                                                   | 72 | 69   | 67   | 65   | 61   | 59   | 55   | 50   | 44   |

| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                          |    |    |     |     |     |     |     |     |
|-----------------|-------|------------|------------|-------|--------------------|-----------|-----------------------------------------------------------------------------------|----|----|-----|-----|-----|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                         | 0  | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| HPE-2-CDL64-1-1 | 2x7.5 | 2x64       | 22         | 3450  | DN150              | 80        |  | 30 | 26 | 25  | 23  | 21  | 18  | 14  | 10  |
| HPE-2-CDL64-1   | 2x11  | 2x64       | 32         | 3450  | DN150              | 80        |                                                                                   | 42 | 37 | 35  | 33  | 31  | 28  | 24  | 21  |
| HPE-2-CDL64-2-2 | 2x15  | 2x64       | 44         | 3450  | DN150              | 80        |                                                                                   | 57 | 53 | 50  | 47  | 42  | 37  | 31  | 23  |

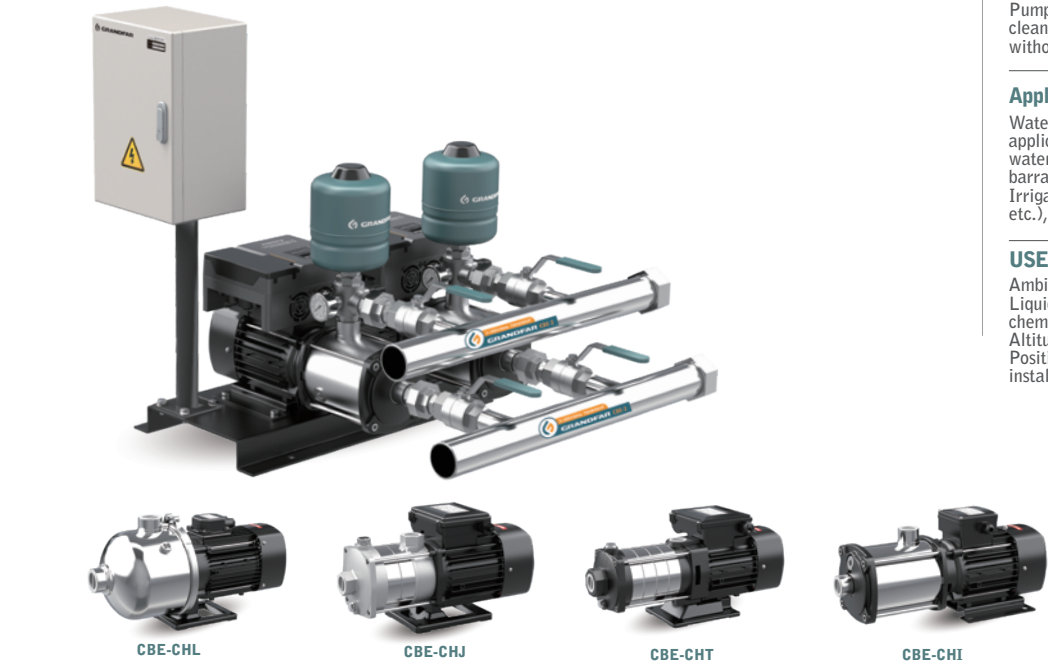
| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |    |     |     |     |     |     |     |     |
|-----------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0  | 120 | 150 | 180 | 210 | 240 | 270 | 300 |
| HPE-3-CDL64-1-1 | 3x7.5 | 3x64       | 22         | 3450  | DN200              | 150       |  | 30 | 26  | 25  | 23  | 21  | 18  | 14  | 10  |
| HPE-3-CDL64-1   | 3x11  | 3x64       | 32         | 3450  | DN200              | 150       |                                                                                     | 42 | 37  | 35  | 33  | 31  | 28  | 24  | 21  |
| HPE-3-CDL64-2-2 | 3x15  | 3x64       | 44         | 3450  | DN200              | 150       |                                                                                     | 57 | 53  | 50  | 47  | 42  | 37  | 31  | 23  |

| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |    |     |     |     |     |     |     |     |
|-----------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0  | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| HPE-4-CDL64-1-1 | 4x7.5 | 4x64       | 22         | 3450  | DN200              | 200       |  | 30 | 26  | 25  | 23  | 21  | 18  | 14  | 10  |
| HPE-4-CDL64-1   | 4x11  | 4x64       | 32         | 3450  | DN200              | 200       |                                                                                     | 42 | 37  | 35  | 33  | 31  | 28  | 24  | 21  |
| HPE-4-CDL64-2-2 | 4x15  | 4x64       | 44         | 3450  | DN200              | 200       |                                                                                     | 57 | 53  | 50  | 47  | 42  | 37  | 31  | 23  |

| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Tank<br>L | Q (m³/h)                                                                            |    |     |     |     |     |     |     |     |
|-----------------|-------|------------|------------|-------|--------------------|-----------|-------------------------------------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    |           | Q (L/min)                                                                           | 0  | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| HPE-5-CDL64-1-1 | 5x7.5 | 5x64       | 22         | 3450  | DN250              | 200       |  | 30 | 26  | 25  | 23  | 21  | 18  | 14  | 10  |
| HPE-5-CDL64-1   | 5x11  | 5x64       | 32         | 3450  | DN250              | 200       |                                                                                     | 42 | 37  | 35  | 33  | 31  | 28  | 24  | 21  |
| HPE-5-CDL64-2-2 | 5x15  | 5x64       | 44         | 3450  | DN250              | 200       |                                                                                     | 57 | 53  | 50  | 47  | 42  | 37  | 31  | 23  |

APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.



| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                              | 4  | 6   | 8   | 10  | 12  | 14   | 16  | 18  | 20  |
|-----------------|-------|------------|------------|-------|--------------------|---------------------------------------------------------------------------------------|----|-----|-----|-----|-----|------|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                             | 67 | 100 | 133 | 167 | 200 | 233  | 267 | 300 | 333 |
| CBE-2-CHL4-20T  | 0.55  | 2*4        | 15         | 2900  | 2 1/2"x2"          |  | 18 | 16  | 15  | 13  | 10  | 7    | /   | /   | /   |
| CBE-2-CHL4-30T  | 0.75  | 2*4        | 22         | 2900  | 2 1/2"x2"          |                                                                                       | 27 | 25  | 22  | 19  | 15  | 10   | /   | /   | /   |
| CBE-2-CHL4-40T  | 0.75  | 2*4        | 30         | 2900  | 2 1/2"x2"          |                                                                                       | 36 | 33  | 30  | 26  | 20  | 13   | /   | /   | /   |
| CBE-2-CHL4-50T  | 1     | 2*4        | 38         | 2900  | 2 1/2"x2"          |                                                                                       | 44 | 41  | 38  | 32  | 26  | 20   | /   | /   | /   |
| CBE-2-CHL4-60T  | 1     | 2*4        | 45         | 2900  | 2 1/2"x2"          |                                                                                       | 53 | 50  | 45  | 40  | 33  | 24   | /   | /   | /   |
| CBE-2-CHL8-10ST | 0.55  | 2*8        | 12         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 15  | 14  | 13  | 12.5 | 12  | 9   | 8   |
| CBE-2-CHL8-15ST | 0.75  | 2*8        | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 25  | 23  | 22  | 21   | 20  | 14  | 12  |
| CBE-2-CHL8-20ST | 1     | 2*8        | 24         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 32  | 29  | 27  | 25   | 24  | 21  | 17  |
| CBE-2-CHL8-25ST | 1.5   | 2*8        | 27         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 43  | 40  | 38  | 34   | 27  | 25  | 20  |
| CBE-2-CHL8-30ST | 1.85  | 2*8        | 36         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 50  | 46  | 44  | 40   | 36  | 30  | 26  |
| CBE-2-CHL8-35ST | 2.2   | 2*8        | 43         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 56  | 51  | 48  | 44   | 43  | 35  | 28  |
| CBE-2-CHL8-40ST | 2.2   | 2*8        | 48         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /  | /   | 65  | 58  | 57  | 50   | 48  | 42  | 34  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                              |     |     |     |     |     |     |     |
|------------------|-------|------------|------------|-------|--------------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                             | 8   | 12  | 16  | 20  | 24  | 28  | 32  |
| CBE-2-CHL8-10T   | 0.55  | 2*8        | 9          | 2900  | 2 1/2"x2 1/2"      |  | 133 | 200 | 267 | 333 | 400 | 467 | 533 |
| CBE-2-CHL8-20T   | 0.75  | 2*8        | 19         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 11  | 10  | 9   | 8   | 7   | 6   | 5   |
| CBE-2-CHL8-30T   | 1.1   | 2*8        | 26         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 22  | 20  | 19  | 18  | 13  | 11  | 8   |
| CBE-2-CHL8-40T   | 1.5   | 2*8        | 37         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 31  | 29  | 26  | 24  | 20  | 16  | 11  |
| CBE-2-CHL8-50T   | 2.2   | 2*8        | 46.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 41  | 39  | 37  | 33  | 26  | 23  | 17  |
| CBE-2-CHL12-10ST | 1     | 2*12       | 13.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 51  | 49  | 47  | 42  | 37  | 30  | 23  |
| CBE-2-CHL12-15ST | 1.5   | 2*12       | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 19  | 18  | 16  | 14  | 11  | /   |
| CBE-2-CHL12-20ST | 1.85  | 2*12       | 28         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 28  | 26  | 24  | 20  | 15  | /   |
| CBE-2-CHL12-25ST | 2.2   | 2*12       | 33.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 38  | 35  | 31  | 28  | 20  | /   |
| CBE-2-CHL12-30ST | 3     | 2*12       | 39         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 47  | 43  | 39  | 34  | 27  | /   |
|                  |       |            |            |       |                    |                                                                                       | /   | 54  | 50  | 45  | 39  | 30  | /   |

Max.Head  
52 m

Pump Designs  
Booster set.

Application Limits

Liquid temperature: +15 C ~ +70 C  
Maximum system pressure 10 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Water supply: pressurization of industrial applications, apartments, hotels, communities, water treatment plants, camps, schools, hospitals, barracks, etc  
Irrigation: general playground (football, golf, etc.), agriculture, artificial snow system

USES

Ambient temperature: +5 C ~+50 C ;  
Liquids: clean water and liquids that are not chemically corrosive  
Altitude: not more than 1000 meters  
Positive pressure installation: Negative pressure installation is strictly prohibited



| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                          | 16   | 20   | 24   | 28   | 32   | 40   | 48  |
|-----------------|-------|------------|------------|-------|--------------------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|-----|
|                 | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                         | 267  | 333  | 400  | 467  | 533  | 667  | 800 |
| CBE-2-CHL12-10T | 0.75  | 2*12       | 9.5        | 2900  | 2 1/2"x2 1/2"      |  | 11.5 | 10.5 | 9.5  | 8    | 6    | /    | /   |
| CBE-2-CHL12-20T | 1.1   | 2*12       | 19.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                   | 22.5 | 21   | 19.5 | 17   | 13   | /    | /   |
| CBE-2-CHL12-30T | 1.85  | 2*12       | 29.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                   | 34.5 | 32.5 | 29.5 | 26   | 20   | /    | /   |
| CBE-2-CHL12-40T | 2.2   | 2*12       | 39.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                   | 46   | 43.5 | 39.5 | 35   | 27.5 | /    | /   |
| CBE-2-CHL12-50T | 3     | 2*12       | 50         | 2900  | 2 1/2"x2 1/2"      |                                                                                   | 58   | 55   | 50   | 44   | 35   | /    | /   |
| CBE-2-CHL16-10T | 1     | 2*16       | 10         | 2900  | DN80xDN80          |                                                                                   | 12   | 11.5 | 11   | 10.5 | 10   | 8    | 6   |
| CBE-2-CHL16-20T | 1.5   | 2*16       | 20         | 2900  | DN80xDN80          |                                                                                   | 24   | 23   | 22   | 21   | 20   | 16   | 12  |
| CBE-2-CHL16-30T | 2.2   | 2*16       | 30         | 2900  | DN80xDN80          |                                                                                   | 38   | 36   | 34   | 33   | 30   | 26   | 20  |
| CBE-2-CHL20-10T | 1     | 2*20       | 10.5       | 2900  | DN80xDN80          |                                                                                   | /    | 13   | 12.5 | 12   | 11.5 | 10.5 | 9   |
| CBE-2-CHL20-20T | 1.85  | 2*20       | 20         | 2900  | DN80xDN80          |                                                                                   | /    | 25   | 24   | 23   | 22   | 20   | 16  |
| CBE-2-CHL20-30T | 3     | 2*20       | 31.5       | 2900  | DN80xDN80          |                                                                                   | /    | 39   | 38   | 36   | 35   | 31.5 | 27  |

| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                           | 4  | 6   | 8   | 10   | 12  | 14   | 16  | 18  | 20  |
|-----------------|-------|------------|------------|-------|--------------------|------------------------------------------------------------------------------------|----|-----|-----|------|-----|------|-----|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                          | 67 | 100 | 133 | 167  | 200 | 233  | 267 | 300 | 333 |
| CBE-2-CHJ4-20T  | 0.55  | 2*4        | 15         | 2900  | 2 1/2"x2"          |  | 18 | 16  | 15  | 13   | 10  | 7    | /   | /   | /   |
| CBE-2-CHJ4-30T  | 0.75  | 2*4        | 22         | 2900  | 2 1/2"x2"          |                                                                                    | 27 | 25  | 22  | 19   | 15  | 10   | /   | /   | /   |
| CBE-2-CHJ4-40T  | 0.75  | 2*4        | 30         | 2900  | 2 1/2"x2"          |                                                                                    | 36 | 33  | 30  | 26   | 20  | 13   | /   | /   | /   |
| CBE-2-CHJ4-50T  | 1     | 2*4        | 38         | 2900  | 2 1/2"x2"          |                                                                                    | 44 | 41  | 38  | 32   | 26  | 20   | /   | /   | /   |
| CBE-2-CHJ4-60T  | 1.1   | 2*4        | 45         | 2900  | 2 1/2"x2"          |                                                                                    | 53 | 50  | 45  | 40   | 33  | 24   | /   | /   | /   |
| CBE-2-CHJ8-10ST | 0.55  | 2*8        | 12         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 15  | 14   | 13  | 12.5 | 12  | 9   | 8   |
| CBE-2-CHJ8-15ST | 0.75  | 2*8        | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 25  | 23   | 22  | 21   | 20  | 14  | 12  |
| CBE-2-CHJ8-20ST | 1     | 2*8        | 24         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 32  | 29   | 27  | 25   | 24  | 21  | 17  |
| CBE-2-CHJ8-25ST | 1.5   | 2*8        | 27         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 43  | 40   | 38  | 34   | 27  | 25  | 20  |
| CBE-2-CHJ8-30ST | 1.85  | 2*8        | 36         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 50  | 46   | 44  | 40   | 36  | 30  | 26  |
| CBE-2-CHJ8-35ST | 2.2   | 2*8        | 43         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 56  | 51   | 48  | 44   | 43  | 35  | 28  |
| CBE-2-CHJ8-40ST | 2.2   | 2*8        | 48         | 2900  | 2 1/2"x2 1/2"      |                                                                                    | /  | /   | 65  | 57.5 | 57  | 50   | 48  | 42  | 34  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 8   | 12   | 16   | 20   | 24   | 28   | 32   | 40  | 48  | 56  |
|------------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|-----|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 133 | 200  | 267  | 333  | 400  | 467  | 533  | 667 | 800 | 933 |
| CBE-2-CHJ8-10T   | 0.55  | 2*8        | 9          | 2900  | 2 1/2"x2 1/2"      |  | 11  | 10   | 9    | 8    | 7    | 6    | 5    | /   | /   | /   |
| CBE-2-CHJ8-20T   | 0.75  | 2*8        | 19         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | 22  | 20   | 19   | 18   | 13   | 11   | 8    | /   | /   | /   |
| CBE-2-CHJ8-30T   | 1.1   | 2*8        | 26         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | 31  | 29   | 26   | 24   | 20   | 16   | 11   | /   | /   | /   |
| CBE-2-CHJ8-40T   | 1.5   | 2*8        | 37         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | 41  | 39   | 37   | 33   | 28   | 23   | 17   | /   | /   | /   |
| CBE-2-CHJ8-50T   | 2.2   | 2*8        | 46.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | 51  | 49   | 46.5 | 42   | 37   | 30   | 23   | /   | /   | /   |
| CBE-2-CHJ8-60T   | 3     | 2*8        | 13.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | 62  | 58   | 52   | 48   | 42   | 36   | 30   | /   | /   | /   |
| CBE-2-CHJ12-10ST | 1     | 2*12       | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | 19   | 17.5 | 15.5 | 13.5 | 10.5 | /    | /   | /   | /   |
| CBE-2-CHJ12-15ST | 1.5   | 2*12       | 28         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | 28   | 26   | 24   | 20   | 15   | /    | /   | /   | /   |
| CBE-2-CHJ12-20ST | 1.85  | 2*12       | 33.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | 38   | 35   | 31   | 28   | 20   | /    | /   | /   | /   |
| CBE-2-CHJ12-25ST | 2.2   | 2*12       | 39         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | 47   | 43   | 39   | 33.5 | 27   | /    | /   | /   | /   |
| CBE-2-CHJ12-30ST | 3     | 2*12       | 9.5        | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | 53.5 | 50   | 45   | 39   | 30   | /    | /   | /   | /   |
| CBE-2-CHJ12-10T  | 0.75  | 2*12       | 19.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | /    | 11.5 | 10.5 | 9.5  | 8    | 6    | /   | /   | /   |
| CBE-2-CHJ12-20T  | 1.1   | 2*12       | 29.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | /    | 22.5 | 21   | 19.5 | 17   | 13   | /   | /   | /   |
| CBE-2-CHJ12-30T  | 1.85  | 2*12       | 39.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | /    | 34.5 | 32.5 | 29.5 | 26   | 20   | /   | /   | /   |
| CBE-2-CHJ12-40T  | 2.2   | 2*12       | 50         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | /    | 46   | 43.5 | 39.5 | 35   | 27.5 | /   | /   | /   |
| CBE-2-CHJ12-50T  | 3     | 2*12       | 10         | 2900  | 2 1/2"x2 1/2"      |                                                                                     | /   | /    | 58   | 55   | 50   | 44   | 35   | /   | /   | /   |



| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 16  | 20   | 24   | 28   | 32   | 40   | 48  | 56  |
|-----------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 267 | 333  | 400  | 467  | 533  | 667  | 800 | 933 |
| CBE-2-CHJ16-10T | 1     | 2*16       | 20         | 2900  | DN80xDN80          |  | 12  | 11.5 | 11   | 10.5 | 10   | 8    | 6   | /   |
| CBE-2-CHJ16-20T | 1.5   | 2*16       | 30         | 2900  | DN80xDN80          |                                                                                     | 24  | 23   | 22   | 21   | 20   | 16   | 12  | /   |
| CBE-2-CHJ16-30T | 2.2   | 2*16       | 10.5       | 2900  | DN80xDN80          |                                                                                     | 38  | 36   | 34   | 33   | 30   | 26   | 20  | /   |
| CBE-2-CHJ16-40T | 3     | 2*16       | 20         | 2900  | DN80xDN80          |                                                                                     | 50  | 48   | 46   | 44   | 40   | 36   | 28  | /   |
| CBE-2-CHJ20-10T | 1     | 2*20       | 31.5       | 2900  | DN80xDN80          |                                                                                     | /   | 13   | 12.5 | 12   | 11.5 | 10.5 | 9   | 7.5 |
| CBE-2-CHJ20-20T | 1.85  | 2*20       | 15         | 2900  | DN80xDN80          |                                                                                     | /   | 25   | 24   | 23   | 22   | 20   | 16  | 12  |
| CBE-2-CHJ20-30T | 3     | 2*20       | 22         | 2900  | DN80xDN80          |                                                                                     | /   | 39   | 38   | 36   | 35   | 31.5 | 27  | 21  |
| CBE-2-CHJ20-40T | 4     | 2*20       | 30         | 2900  | DN80xDN80          |                                                                                     | /   | 50   | 48   | 46   | 44   | 40   | 32  | 24  |

| Model          | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                            | 2    | 4  | 6   | 8   | 10  | 12  |
|----------------|-------|------------|------------|-------|--------------------|-------------------------------------------------------------------------------------|------|----|-----|-----|-----|-----|
|                | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                           | 33   | 67 | 100 | 133 | 167 | 200 |
| CBE-2-CHT4-20T | 0.55  | 2*4        | 38         | 2900  | 2 1/2"x2"          |  | 14.5 | 13 | 12  | 10  | 8   | 5   |
| CBE-2-CHT4-30T | 0.75  | 2*4        | 45         | 2900  | 2 1/2"x2"          |                                                                                     | 23   | 21 | 19  | 17  | 14  | 8   |
| CBE-2-CHT4-40T | 0.75  | 2*4        | 12         | 2900  | 2 1/2"x2"          |                                                                                     | 28   | 26 | 24  | 21  | 18  | 14  |
| CBE-2-CHT4-50T | 1     | 2*4        | 20         | 2900  | 2 1/2"x2"          |                                                                                     | 36   | 34 | 30  | 26  | 22  | 16  |
| CBE-2-CHT4-60T | 1.1   | 2*4        | 24         | 2900  | 2 1/2"x2"          |                                                                                     | 41   | 36 | 32  | 29  | 24  | 18  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conneccion | Q (m³/h)                                                                              | 8   | 12   | 16   | 20   | 24   | 28   | 32   | 40  | 48  |
|------------------|-------|------------|------------|-------|--------------------|---------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                    | Q (L/min)                                                                             | 133 | 200  | 267  | 333  | 400  | 467  | 533  | 667 | 800 |
| CBE-2-CHT8-10T   | 0.55  | 2x8        | 9          | 2900  | 2 1/2"x2 1/2"      |  | 11  | 10   | 9    | 8    | 7    | 6    | 5    | /   | /   |
| CBE-2-CHT8-20T   | 0.75  | 2x8        | 19         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 22  | 20   | 19   | 18   | 13   | 11   | 8    | /   | /   |
| CBE-2-CHT8-30T   | 1.1   | 2x8        | 26         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 31  | 29   | 26   | 24   | 20   | 16   | 11   | /   | /   |
| CBE-2-CHT8-40T   | 1.5   | 2x8        | 37         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 41  | 39   | 37   | 33   | 28   | 23   | 17   | /   | /   |
| CBE-2-CHT8-50T   | 2.2   | 2x8        | 46.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 51  | 49   | 46.5 | 42   | 37   | 30   | 23   | /   | /   |
| CBE-2-CHT8-60T   | 3     | 2x8        | 52         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 62  | 58   | 52   | 48   | 42   | 36   | 30   | /   | /   |
| CBE-2-CHT8-10ST  | 0.55  | 2x8        | 12         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 15  | 13   | 12   | 8    | /    | /    | /    | /   | /   |
| CBE-2-CHT8-15ST  | 0.75  | 2x8        | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 25  | 22   | 20   | 12   | /    | /    | /    | /   | /   |
| CBE-2-CHT8-20ST  | 1     | 2x8        | 24         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 32  | 27   | 24   | 17   | /    | /    | /    | /   | /   |
| CBE-2-CHT8-25ST  | 1.5   | 2x8        | 27         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 43  | 38   | 27   | 20   | /    | /    | /    | /   | /   |
| CBE-2-CHT8-30ST  | 1.85  | 2x8        | 36         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 50  | 44   | 36   | 26   | /    | /    | /    | /   | /   |
| CBE-2-CHT8-35ST  | 2.2   | 2x8        | 43         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 56  | 48   | 43   | 28   | /    | /    | /    | /   | /   |
| CBE-2-CHT8-40ST  | 2.2   | 2x8        | 48         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | 65  | 57   | 48   | 34   | /    | /    | /    | /   | /   |
| CBE-2-CHT12-10T  | 0.75  | 2x12       | 9.5        | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | /    | 11.5 | 10.5 | 9.5  | 8    | 6    | /   | /   |
| CBE-2-CHT12-20T  | 1.1   | 2x12       | 19.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | /    | 22.5 | 21   | 19.5 | 17   | 13   | /   | /   |
| CBE-2-CHT12-30T  | 1.85  | 2x12       | 29.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | /    | 34.5 | 32.5 | 29.5 | 26   | 20   | /   | /   |
| CBE-2-CHT12-40T  | 2.2   | 2x12       | 39.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | /    | 46   | 43.5 | 39.5 | 35   | 27.5 | /   | /   |
| CBE-2-CHT12-50T  | 3     | 2x12       | 50         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | /    | 58   | 55   | 50   | 44   | 35   | /   | /   |
| CBE-2-CHT12-10ST | 1     | 2x12       | 13.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 19   | 17.5 | 15.5 | 13.5 | 10.5 | /    | /   | /   |
| CBE-2-CHT12-15ST | 1.5   | 2x12       | 20         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 28   | 26   | 24   | 20   | 15   | /    | /   | /   |
| CBE-2-CHT12-20ST | 1.85  | 2x12       | 28         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 38   | 35   | 31   | 28   | 20   | /    | /   | /   |
| CBE-2-CHT12-25ST | 2.2   | 2x12       | 33.5       | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 47   | 43   | 39   | 33.5 | 27   | /    | /   | /   |
| CBE-2-CHT12-30ST | 3     | 2x12       | 39         | 2900  | 2 1/2"x2 1/2"      |                                                                                       | /   | 53.5 | 50   | 45   | 39   | 30   | /    | /   | /   |
| CBE-2-CHT16-10T  | 1     | 2x16       | 10         | 2900  | DN80xDN80          |                                                                                       | /   | /    | 12   | 11.5 | 11   | 10.5 | 10   | 8   | 6   |
| CBE-2-CHT16-20T  | 1.5   | 2x16       | 20         | 2900  | DN80xDN80          |                                                                                       | /   | /    | 24   | 23   | 22   | 21   | 20   | 16  | 12  |
| CBE-2-CHT16-30T  | 2.2   | 2x16       | 30         | 2900  | DN80xDN80          | /                                                                                     | /   | 38   | 36   | 34   | 33   | 30   | 26   | 20  |     |
| CBE-2-CHT16-40T  | 3     | 2x16       | 40         | 2900  | DN80xDN80          | /                                                                                     | /   | 50   | 48   | 46   | 44   | 40   | 36   | 28  |     |



CBE-2-CH(L/J/T/I)

PRESSURE BOOSTER SYSTEM





| Model           | Power | Rated.flow | Rated.head | Speed | Pipe<br>conecion | Q (m³/h)                                                                          | 20  | 24   | 28  | 32   | 40   | 48  | 56  |
|-----------------|-------|------------|------------|-------|------------------|-----------------------------------------------------------------------------------|-----|------|-----|------|------|-----|-----|
|                 | kW    | m³/h       | m          | rpm   |                  | Q (L/min)                                                                         | 333 | 400  | 467 | 533  | 667  | 800 | 933 |
| CBE-2-CHT20-10T | 1     | 2x20       | 10.5       | 2900  | DN80xDN80        |  | 13  | 12.5 | 12  | 11.5 | 10.5 | 9   | 7.5 |
| CBE-2-CHT20-20T | 1.85  | 2x20       | 20         | 2900  | DN80xDN80        |                                                                                   | 25  | 24   | 23  | 22   | 20   | 16  | 12  |
| CBE-2-CHT20-30T | 3     | 2x20       | 31.5       | 2900  | DN80xDN80        |                                                                                   | 39  | 38   | 36  | 35   | 31.5 | 27  | 21  |
| CBE-2-CHT20-40T | 4     | 2x20       | 40         | 2900  | DN80xDN80        |                                                                                   | 50  | 48   | 46  | 44   | 40   | 32  | 24  |

| Model         | Power | Rated.flow | Rated.head | Speed | Pipe<br>conecion | Q (m³/h)                                                                          | 2    | 4    | 6    | 8    | 10   | 12  |
|---------------|-------|------------|------------|-------|------------------|-----------------------------------------------------------------------------------|------|------|------|------|------|-----|
|               | kW    | m³/h       | m          | rpm   |                  | Q (L/min)                                                                         | 33   | 67   | 100  | 133  | 167  | 200 |
| CBE-2-CHI4-2T | 0.37  | 2x4        | 15         | 2900  | 2 1/2"x2"        |  | 19.5 | 18.5 | 17   | 15.5 | 13   | 9.5 |
| CBE-2-CHI4-3T | 0.55  | 2x4        | 25         | 2900  | 2 1/2"x2"        |                                                                                   | 29   | 27.5 | 25   | 22.5 | 19.5 | 13  |
| CBE-2-CHI4-4T | 0.75  | 2x4        | 30         | 2900  | 2 1/2"x2"        |                                                                                   | 39   | 37   | 34.5 | 31   | 26   | 19  |
| CBE-2-CHI4-5T | 0.75  | 2x4        | 40         | 2900  | 2 1/2"x2"        |                                                                                   | 48   | 45.5 | 43   | 38   | 32   | 23  |
| CBE-2-CHI4-6T | 1     | 2x4        | 49         | 2900  | 2 1/2"x2"        |                                                                                   | 59   | 56   | 53   | 46   | 39.5 | 29  |
| CBE-2-CHI4-7T | 1.1   | 2x4        | 55         | 2900  | 2 1/2"x2"        |                                                                                   | 67   | 64   | 60.5 | 53   | 45.5 | 33  |

| Model            | Power | Rated.flow | Rated.head | Speed | Pipe<br>conecion | Q (m³/h)                                                                            | 8   | 12   | 16   | 20   | 24   | 28   | 32   | 40   | 48  | 56  |
|------------------|-------|------------|------------|-------|------------------|-------------------------------------------------------------------------------------|-----|------|------|------|------|------|------|------|-----|-----|
|                  | kW    | m³/h       | m          | rpm   |                  | Q (L/min)                                                                           | 133 | 200  | 267  | 333  | 400  | 467  | 533  | 667  | 800 | 933 |
| CBE-2-CHI8-10ST  | 0.55  | 2x8        | 12         | 2900  | 2 1/2"x2 1/2"    |  | 15  | 13   | 10   | 8    | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-15ST  | 0.75  | 2x8        | 20         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 25  | 22   | 17   | 12   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-20ST  | 1     | 2x8        | 24         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 32  | 27   | 20   | 17   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-25ST  | 1.5   | 2x8        | 27         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 43  | 38   | 30   | 20   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-30ST  | 1.85  | 2x8        | 36         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 50  | 44   | 32   | 26   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-35ST  | 2.2   | 2x8        | 43         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 56  | 48   | 42   | 28   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-40ST  | 2.2   | 2x8        | 48         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 65  | 57   | 43   | 34   | /    | /    | /    | /    | /   | /   |
| CBE-2-CHI8-10T   | 0.55  | 2x12       | 9          | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 11  | 10   | 9    | 8    | 7    | 6    | 5    | /    | /   | /   |
| CBE-2-CHI8-20T   | 0.75  | 2x12       | 19         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 22  | 20   | 19   | 18   | 13   | 11   | 8    | /    | /   | /   |
| CBE-2-CHI8-30T   | 1     | 2x12       | 26         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 31  | 29   | 26   | 24   | 20   | 16   | 11   | /    | /   | /   |
| CBE-2-CHI8-40T   | 1.5   | 2x12       | 37         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 41  | 39   | 37   | 33   | 28   | 23   | 17   | /    | /   | /   |
| CBE-2-CHI8-50T   | 2.2   | 2x12       | 46.5       | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 51  | 49   | 46.5 | 42   | 37   | 30   | 23   | /    | /   | /   |
| CBE-2-CHI8-60T   | 3     | 2x12       | 52         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | 62  | 58   | 52   | 48   | 42   | 36   | 30   | /    | /   | /   |
| CBE-2-CHI12-10ST | 1     | 2x12       | 13.5       | 2900  | 2 1/2"x2 1/2"    |  | /   | 19   | 17.5 | 15.5 | 13.5 | 10.5 | /    | /    | /   | /   |
| CBE-2-CHI12-15ST | 1.5   | 2x12       | 20         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | 28   | 26   | 24   | 20   | 15   | /    | /    | /   | /   |
| CBE-2-CHI12-20ST | 1.85  | 2x12       | 28         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | 38   | 35   | 31   | 28   | 20   | /    | /    | /   | /   |
| CBE-2-CHI12-25ST | 2.2   | 2x12       | 33.5       | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | 47   | 43   | 39   | 33.5 | 27   | /    | /    | /   | /   |
| CBE-2-CHI12-30ST | 3     | 2x12       | 39         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | 53.5 | 50   | 45   | 39   | 30   | /    | /    | /   | /   |
| CBE-2-CHI12-10T  | 0.75  | 2x12       | 9.5        | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | /    | 11.5 | 10.5 | 9.5  | 8    | 6    | /    | /   | /   |
| CBE-2-CHI12-20T  | 1.1   | 2x12       | 19.5       | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | /    | 22.5 | 21   | 19.5 | 17   | 13   | /    | /   | /   |
| CBE-2-CHI12-30T  | 1.85  | 2x12       | 29.5       | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | /    | 34.5 | 32.5 | 29.5 | 26   | 20   | /    | /   | /   |
| CBE-2-CHI12-40T  | 2.2   | 2x12       | 39.5       | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | /    | 46   | 43.5 | 39.5 | 35   | 27.5 | /    | /   | /   |
| CBE-2-CHI12-50T  | 3     | 2x12       | 50         | 2900  | 2 1/2"x2 1/2"    |                                                                                     | /   | /    | 58   | 55   | 50   | 44   | 35   | /    | /   | /   |
| CBE-2-CHI16-10T  | 1     | 2x16       | 10         | 2900  | DN80xDN80        |                                                                                     | /   | /    | 12   | 11.5 | 11   | 10.5 | 10   | 8    | 6   | /   |
| CBE-2-CHI16-20T  | 1.5   | 2x16       | 20         | 2900  | DN80xDN80        |                                                                                     | /   | /    | 24   | 23   | 22   | 21   | 20   | 16   | 12  | /   |
| CBE-2-CHI16-30T  | 2.2   | 2x16       | 30         | 2900  | DN80xDN80        |                                                                                     | /   | /    | 38   | 36   | 34   | 33   | 30   | 26   | 20  | /   |
| CBE-2-CHI16-40T  | 3     | 2x16       | 40         | 2900  | DN80xDN80        |                                                                                     | /   | /    | 50   | 48   | 46   | 44   | 40   | 36   | 28  | /   |
| CBE-2-CHI20-10T  | 1     | 2x20       | 10.5       | 2900  | DN80xDN80        |  | /   | /    | /    | 13   | 12.5 | 12   | 11.5 | 10.5 | 9   | 7.5 |
| CBE-2-CHI20-20T  | 1.85  | 2x20       | 20         | 2900  | DN80xDN80        |                                                                                     | /   | /    | /    | 25   | 24   | 23   | 22   | 20   | 16  | 12  |
| CBE-2-CHI20-30T  | 3     | 2x20       | 31.5       | 2900  | DN80xDN80        |                                                                                     | /   | /    | /    | 39   | 38   | 36   | 35   | 31.5 | 27  | 21  |
| CBE-2-CHI20-40T  | 4     | 2x20       | 40         | 2900  | DN80xDN80        |                                                                                     | /   | /    | /    | 52   | 50   | 48   | 47   | 42   | 35  | 27  |

CBE-2-2CP

PRESSURE BOOSTER SYSTEM



APPLICATIONS FIELDS

CBE-2-2CP series horizontal frequency conversion pump unit adopts 2CP series double impeller centrifugal pump, which is combined with frequency converter, pressure tank, valve and stainless steel inlet and outlet pipes. The product can realize one use and one standby, automatic rotation, timed start and stop, constant pressure operation, water shortage protection and other functions, suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects.



| Model            | Power  | Max.flow | Max.head | Speed | Pipe<br>conecion | Tank | Q (m³/h)                                                                             | 0    | 2    | 4    | 6    | 8    | 10   | 12   | 14   | 16   | 18   | 20   | 22  | 24  |
|------------------|--------|----------|----------|-------|------------------|------|--------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
|                  | kW     | m³/h     | m        | rpm   |                  | L    | Q (L/min)                                                                            | 0    | 33   | 66.7 | 100  | 133  | 167  | 200  | 233  | 267  | 300  | 333  | 367 | 400 |
| CBE-2-2CP25/130  | 2x0.75 | 2x4      | 35.3     | 2900  | 2"x11/2"         | 19   |  | 35.3 | 30.1 | 24.5 | 17.7 | 8.8  | /    | /    | /    | /    | /    | /    | /   | /   |
| CBE-2-2CP25/140M | 2x1.1  | 2x8      | 47       | 2900  | 2 1/2"x11/2"     | 19   |                                                                                      | 47   | 45   | 43.3 | 40.8 | 37   | 33   | 27.5 | 21   | 12   | /    | /    | /   | /   |
| CBE-2-2CP160/160 | 2x1.5  | 2x9      | 53.4     | 2900  | 2"x11/2"         | 19   |                                                                                      | 53.4 | 50   | 47   | 43.6 | 39.3 | 33.7 | 27.8 | 22   | 15.2 | 4    | /    | /   | /   |
| CBE-2-2CP25/160B | 2x1.5  | 2x9      | 58       | 2900  | 2 1/2"x11/2"     | 19   |                                                                                      | 58   | 54.7 | 51.4 | 47.4 | 43.4 | 38   | 32.2 | 24.6 | 17   | 7.6  | /    | /   | /   |
| CBE-2-2CP25/160A | 2x2.2  | 2x9      | 61       | 2900  | 2 1/2"x11/2"     | 19   |                                                                                      | 61   | 58.2 | 55.5 | 52.7 | 48.7 | 43.8 | 37.7 | 30.7 | 21.4 | 5.6  | /    | /   | /   |
| CBE-2-2CP32/200C | 2x3    | 2x13     | 57.2     | 2900  | 2 1/2"x2"        | 19   |                                                                                      | 57.2 | 55.3 | 53.4 | 51.2 | 48.9 | 46.6 | 44.2 | 41.9 | 38.2 | 34.4 | 30.2 | 25  | 19  |
| CBE-2-2CP50/160B | 2x1.5  | 2x9      | 42       | 2900  | DN80xDN80        | 19   |                                                                                      | 42   | 40.4 | 36.8 | 33.8 | 32.2 | 27.3 | 22.7 | 17.5 | 11.2 | 4.4  | /    | /   | /   |
| CBE-2-2CP50/160A | 2x3    | 2x10     | 54.5     | 2900  | DN80xDN80        | 19   |                                                                                      | 54.5 | 50.3 | 46   | 42.5 | 39   | 35   | 30.8 | 26.5 | 22.2 | 14.7 | 7    | /   | /   |

| Model            | Power  | Max.flow | Max.head | Speed | Pipe<br>conecion | Tank | Q (m³/h)                                                                              | 0   | 9.6 | 12   | 14.4 | 16.8 | 19.2 | 21.6 | 24   | 30  | 36  | 42  | 48  | 54  |
|------------------|--------|----------|----------|-------|------------------|------|---------------------------------------------------------------------------------------|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|
|                  | kW     | m³/h     | m        | rpm   |                  | L    | Q (L/min)                                                                             | 0   | 160 | 200  | 240  | 280  | 320  | 360  | 400  | 500 | 600 | 700 | 800 | 900 |
| CBE-2-2CP32/200C | 2x3    | 2x15     | 70       | 2950  | 2 1/2" x 2"      | 19   |  | 70  | 63  | 60.5 | 57   | 55   | 52   | 49.5 | 46.5 | 36  | /   | /   | /   | /   |
| CBE-2-2CP32/200B | 2x4    | 2x15     | 85       | 2950  | 2 1/2" x 2"      | 19   |                                                                                       | 85  | 77  | 75   | 72   | 69   | 66   | 62   | 58   | 49  | /   | /   | /   | /   |
| CBE-2-2CP32/210B | 2x5.5  | 2x15     | 94       | 2950  | DN80xDN50        | 19   |                                                                                       | 94  | 91  | 89   | 85   | 83   | 79   | 75   | 70   | 56  | /   | /   | /   | /   |
| CBE-2-2CP32/210A | 2x7.5  | 2x15     | 112      | 2950  | DN80xDN50        | 19   |                                                                                       | 112 | 110 | 108  | 105  | 102  | 99   | 94   | 89   | 74  | /   | /   | /   | /   |
| CBE-2-2CP40/210B | 2x5.5  | 2x15     | 94       | 2950  | DN80xDN65        | 19   |                                                                                       | 94  | 91  | 89   | 85   | 83   | 79   | 75   | 70   | 56  | /   | /   | /   | /   |
| CBE-2-2CP40/210A | 2x7.5  | 2x15     | 112      | 2950  | DN80xDN65        | 19   |                                                                                       | 112 | 110 | 108  | 105  | 102  | 99   | 94   | 89   | 74  | /   | /   | /   | /   |
| CBE-2-2CP50/180C | 2x4    | 2x21     | 62       | 2950  | DN80xDN80        | 19   |                                                                                       | 62  | 59  | 57   | 55   | 55   | 50   | 48   | 44   | 36  | 31  | 23  | /   | /   |
| CBE-2-2CP50/180B | 2x5.5  | 2x21     | 72       | 2950  | DN80xDN80        | 19   |                                                                                       | 72  | 69  | 67   | 65   | 65   | 60   | 58   | 54   | 46  | 41  | 33  | /   | /   |
| CBE-2-2CP50/180A | 2x7.5  | 2x21     | 84       | 2950  | DN80xDN80        | 19   |                                                                                       | 84  | 81  | 79   | 76   | 75   | 72   | 72   | 66   | 58  | 53  | 45  | /   | /   |
| CBE-2-2CP40/200B | 2x9.2  | 2x27     | 97       | 2950  | DN80xDN65        | 19   |                                                                                       | 97  | /   | /    | /    | 91.5 | 91   | 90   | 88   | 85  | 80  | 74  | 68  | 61  |
| CBE-2-2CP40/200A | 2x11   | 2x27     | 105      | 2950  | DN80xDN65        | 19   |                                                                                       | 105 | /   | /    | /    | 100  | 99   | 98   | 97   | 93  | 88  | 83  | 76  | 69  |
| CBE-2-2CP50/200B | 2x9.2  | 2x27     | 97       | 2950  | DN80xDN80        | 19   |                                                                                       | 97  | /   | /    | /    | 91.5 | 91   | 90   | 88   | 85  | 80  | 74  | 68  | 61  |
| CBE-2-2CP50/200A | 2x11   | 2x27     | 105      | 2950  | DN80xDN80        | 19   |                                                                                       | 105 | /   | /    | /    | 100  | 99   | 98   | 97   | 93  | 88  | 83  | 76  | 69  |
| CBE-2-2CP40/250D | 2x13   | 2x27     | 120      | 2950  | DN80xDN65        | 19   |                                                                                       | 120 | /   | /    | /    | 114  | 113  | 112  | 110  | 107 | 103 | 98  | 91  | 82  |
| CBE-2-2CP40/250C | 2x15   | 2x27     | 130      | 2950  | DN80xDN65        | 19   |                                                                                       | 130 | /   | /    | /    | 124  | 123  | 122  | 120  | 117 | 113 | 108 | 102 | 92  |
| CBE-2-2CP40/250B | 2x18.5 | 2x27     | 145      | 2950  | DN80xDN65        | 19   |                                                                                       | 145 | /   | /    | /    | 139  | 138  | 137  | 136  | 131 | 126 | 121 | 114 | 107 |
| CBE-2-2CP40/250A | 2x22   | 2x27     | 160      | 2950  | DN80xDN65        | 19   |                                                                                       | 160 | /   | /    | /    | 155  | 153  | 152  | 151  | 146 | 141 | 135 | 130 | 122 |
| CBE-2-2CP50/250D | 2x13   | 2x27     | 120      | 2950  | DN80xDN80        | 19   |                                                                                       | 120 | /   | /    | /    | 114  | 113  | 112  | 110  | 107 | 103 | 98  | 91  | 82  |
| CBE-2-2CP50/250C | 2x15   | 2x27     | 130      | 2950  | DN80xDN80        | 19   |                                                                                       | 130 | /   | /    | /    | 124  | 123  | 122  | 120  | 117 | 113 | 108 | 102 | 92  |
| CBE-2-2CP50/250B | 2x18.5 | 2x27     | 145      | 2950  | DN80xDN80        | 19   |                                                                                       | 145 | /   | /    | /    | 139  | 138  | 137  | 136  | 131 | 126 | 121 | 114 | 107 |

APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.

Max.Head  
97 m

Pump Designs  
Booster set.

Application Limits

Liquid temperature: +2℃~+90℃  
Maximum system pressure 10 bar  
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Suitable for urban environmental protection, greenhouse irrigation, construction, fire, chemical, pharmaceutical, brewing, electric power, paper making, petroleum, mining, equipment cooling and so on

USES

Ambient temperature: 0℃~+40℃ ;  
Liquids: clean water and liquids that are not chemically corrosive  
Altitude: not more than 1000 meters  
Positive pressure installation: Negative pressure installation is strictly prohibited



| Model           | Power  | Max.flow | Max.head | Speed | Pipe      | Tank | Q (m³/h)                                                                            |      |      |      |      |      |      |      |      |      |     |
|-----------------|--------|----------|----------|-------|-----------|------|-------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|-----|
|                 | kW     | m³/h     | m        | rpm   | conection | L    |                                                                                     | 0    | 12   | 18   | 30   | 36   | 48   | 54   | 72   | 84   | 96  |
| CBE-2-GF32-125B | 2*0.75 | 2*18     | 17.5     | 2950  | DN80×50   | 36   |  | 17.5 | 16.7 | 15   | 12   | 9    | /    | /    | /    | /    | /   |
| CBE-2-GF32-125A | 2*1.1  | 2*24     | 22       | 2950  | DN80×50   | 36   |                                                                                     | 22   | 21   | 19.7 | 16.5 | 14.5 | 9    | /    | /    | /    | /   |
| CBE-2-GF32-160C | 2*1.5  | 2*18     | 25.4     | 2950  | DN80×50   | 36   |                                                                                     | 25.4 | 23.7 | 22.5 | 18.5 | 15.8 | /    | /    | /    | /    | /   |
| CBE-2-GF32-160B | 2*2.2  | 2*24     | 31       | 2950  | DN80×50   | 36   |                                                                                     | 31   | 29.6 | 28.5 | 24.5 | 22   | 15   | /    | /    | /    | /   |
| CBE-2-GF32-160A | 2*3    | 2*27     | 35       | 2950  | DN80×50   | 36   |                                                                                     | 35   | 34.3 | 32.5 | 28   | 25.5 | 19   | 15   | /    | /    | /   |
| CBE-2-GF32-200D | 2*3    | 2*27     | 44.2     | 2950  | DN80×50   | 36   |                                                                                     | 44.2 | 42   | 39.8 | 35.2 | 32.2 | 24.6 | 19.8 | /    | /    | /   |
| CBE-2-GF32-200C | 2*4    | 2*27     | 54.5     | 2950  | DN80×50   | 36   |                                                                                     | 54.5 | 52   | 50   | 45.5 | 42.3 | 35   | 30.3 | /    | /    | /   |
| CBE-2-GF32-200B | 2*5.5  | 2*24     | 53       | 2950  | DN80×50   | 36   |                                                                                     | 60   | 59.5 | 59   | 55   | 50.2 | 34.5 | /    | /    | /    | /   |
| CBE-2-GF32-200A | 2*7.5  | 2*24     | 61       | 2950  | DN80×50   | 36   |                                                                                     | 69.5 | 69   | 68.5 | 66   | 63   | 53   | /    | /    | /    | /   |
| CBE-2-GF32-250C | 2*9.2  | 2*24     | 75       | 2950  | DN80×50   | 36   |                                                                                     | 75   | 75   | 74.5 | 72   | 69   | 59   | /    | /    | /    | /   |
| CBE-2-GF32-250B | 2*11   | 2*24     | 90       | 2950  | DN80×50   | 36   |                                                                                     | 90   | 89.5 | 88   | 82   | 78   | 66   | /    | /    | /    | /   |
| CBE-2-GF32-250A | 2*15   | 2*24     | 97       | 2950  | DN80×50   | 36   |                                                                                     | 97   | 96.5 | 96   | 90   | 86   | 73   | /    | /    | /    | /   |
| CBE-2-GF40-125C | 2*1.1  | 2*36     | 14.7     | 2950  | DN100×65  | 80   |                                                                                     | 14.7 | /    | /    | /    | 13   | 11.5 | 10.1 | 5.8  | /    | /   |
| CBE-2-GF40-125B | 2*1.5  | 2*42     | 18.1     | 2950  | DN100×65  | 80   |                                                                                     | 18.1 | /    | /    | /    | 17   | 15   | 13.9 | 10   | 6    | /   |
| CBE-2-GF40-125A | 2*2.2  | 2*48     | 24.5     | 2950  | DN100×65  | 80   |                                                                                     | 24.5 | /    | /    | /    | 23.2 | 21.5 | 20.2 | 16   | 13   | 8.3 |
| CBE-2-GF40-160B | 2*3    | 2*42     | 31.8     | 2950  | DN100×65  | 80   |                                                                                     | 31.8 | /    | /    | /    | 29.5 | 27.5 | 26.3 | 21.5 | 17.5 | /   |



| Model           | Power  | Max.flow | Max.head | Speed | Pipe      | Tank | Q (m³/h)                                                                              |      |      |      |      |      |      |      |      |      |      |      |      |   |   |
|-----------------|--------|----------|----------|-------|-----------|------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---|---|
|                 | kW     | m³/h     | m        | rpm   | conection | L    |                                                                                       | 0    | 36   | 54   | 72   | 84   | 96   | 108  | 144  | 168  | 180  | 216  | 240  |   |   |
| CBE-2-GF40-160A | 2*4    | 2*48     | 38       | 2950  | DN100×65  | 80   |    | 38   | 36   | 33   | 28.5 | 25   | 20.1 | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-200B | 2*5.5  | 2*42     | 46       | 2950  | DN100×65  | 80   |                                                                                       | 46   | 43.8 | 40.1 | 35   | 30   | /    | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-200A | 2*7.5  | 2*48     | 57       | 2950  | DN100×65  | 80   |                                                                                       | 57   | 53.6 | 50   | 45   | 41   | 36.5 | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-250D | 2*9.2  | 2*48     | 64       | 2950  | DN100×65  | 80   |                                                                                       | 64   | 59   | 55   | 49.5 | 45   | 39.8 | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-250C | 2*11   | 2*48     | 72       | 2950  | DN100×65  | 80   |                                                                                       | 72   | 67.5 | 63.5 | 57.5 | 52.2 | 47   | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-250B | 2*15   | 2*48     | 84.5     | 2950  | DN100×65  | 80   |                                                                                       | 84.5 | 79.3 | 75.2 | 70   | 66   | 61   | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF40-250A | 2*18.5 | 2*48     | 90       | 2950  | DN100×65  | 80   |                                                                                       | 90   | 85.5 | 80.7 | 75.8 | 70.5 | 66.5 | /    | /    | /    | /    | /    | /    | / | / |
| CBE-2-GF50-125C | 2*2.2  | 2*72     | 17       | 2950  | DN100×80  | 150  |                                                                                       | 17   | /    | /    | 15.4 | 14   | 12.8 | 11.5 | 6.5  | /    | /    | /    | /    | / | / |
| CBE-2-GF50-125B | 2*3    | 2*72     | 20       | 2950  | DN100×80  | 150  |                                                                                       | 20   | /    | /    | 18.8 | 18   | 17   | 15.6 | 11   | /    | /    | /    | /    | / | / |
| CBE-2-GF50-125A | 2*4    | 2*84     | 24       | 2950  | DN100×80  | 150  |                                                                                       | 24   | /    | /    | 23.1 | 23   | 21.5 | 20.3 | 15.8 | 11.8 | /    | /    | /    | / | / |
| CBE-2-GF50-160B | 2*5.5  | 2*84     | 32       | 2950  | DN100×80  | 150  |                                                                                       | 32   | /    | /    | 30.6 | 30   | 28   | 26.6 | 20.5 | 14.8 | /    | /    | /    | / | / |
| CBE-2-GF50-160A | 2*7.5  | 2*90     | 40       | 2950  | DN100×80  | 150  |                                                                                       | 40   | /    | /    | 38   | 37   | 36   | 34.4 | 29   | 24   | 21   | /    | /    | / | / |
| CBE-2-GF50-200C | 2*9.2  | 2*84     | 50.5     | 2950  | DN100×80  | 150  |                                                                                       | 50.5 | /    | /    | 46.8 | 45   | 43   | 40.9 | 32.5 | 26.7 | /    | /    | /    | / | / |
| CBE-2-GF50-200B | 2*11   | 2*90     | 57.5     | 2950  | DN100×80  | 150  |                                                                                       | 57.5 | /    | /    | 53.5 | 52   | 50   | 47.5 | 40   | 34   | 29   | /    | /    | / | / |
| CBE-2-GF50-200A | 2*15   | 2*90     | 62       | 2950  | DN100×80  | 150  |                                                                                       | 62   | /    | /    | 58   | 56.5 | 54.5 | 52   | 44.5 | 39   | 35.5 | /    | /    | / | / |
| CBE-2-GF50-250C | 2*15   | 2*84     | 68.5     | 2950  | DN100×80  | 150  |                                                                                       | 68.5 | /    | /    | 64   | 63   | 61.5 | 59   | 50   | 41   | /    | /    | /    | / | / |
| CBE-2-GF50-250B | 2*18.5 | 2*90     | 79       | 2950  | DN100×80  | 150  |                                                                                       | 79   | /    | /    | 75.8 | 74.8 | 74   | 71.5 | 63.5 | 55.5 | 47   | /    | /    | / | / |
| CBE-2-GF65-125C | 2*4    | 2*90     | 19       | 2950  | DN120×100 | 200  |  | 19   | /    | /    | /    | /    | 17.3 | 16.8 | 14.5 | 13   | 11.8 | /    | /    | / | / |
| CBE-2-GF65-125B | 2*5.5  | 2*108    | 23       | 2950  | DN120×100 | 200  |                                                                                       | 23   | /    | /    | /    | /    | 21.3 | 20.9 | 19   | 17.5 | 16.7 | 13.7 | /    | / | / |
| CBE-2-GF65-125A | 2*7.5  | 2*120    | 27       | 2950  | DN120×100 | 200  |                                                                                       | 27   | /    | /    | /    | /    | 26   | 25.6 | 24.5 | 23   | 22.5 | 20   | 18   | / | / |
| CBE-2-GF65-160C | 2*9.2  | 2*120    | 33       | 2950  | DN120×100 | 200  |                                                                                       | 33   | /    | /    | /    | /    | /    | 31.5 | 30   | 28   | 27.1 | 24   | 21.5 | / | / |
| CBE-2-GF65-160B | 2*11   | 2*120    | 36       | 2950  | DN120×100 | 200  |                                                                                       | 36   | /    | /    | /    | /    | /    | 34.5 | 33   | 31.5 | 30.8 | 28   | 25.5 | / | / |
| CBE-2-GF65-160A | 2*15   | 2*138    | 42       | 2950  | DN120×100 | 200  |                                                                                       | 42   | /    | /    | /    | /    | /    | 41   | 40   | 38.5 | 37.8 | 35   | 33   | / | / |
| CBE-2-GF65-200C | 2*15   | 2*120    | 45       | 2950  | DN120×100 | 200  |                                                                                       | 45   | /    | /    | /    | /    | /    | 45.5 | 43   | 41   | 40.2 | 36.5 | 34   | / | / |
| CBE-2-GF65-200B | 2*18.5 | 2*120    | 52       | 2950  | DN120×100 | 200  |                                                                                       | 52   | /    | /    | /    | /    | /    | 52.3 | 51   | 49   | 48.5 | 44.5 | 42   | / | / |
| CBE-2-GF80-125C | 2*4    | 2*120    | 17       | 2950  | DN150×125 | 200  |                                                                                       | 17   | /    | /    | /    | /    | 16.5 | 15.9 | 14.3 | 13.5 | 11.6 | 10   | 7.5  | / | / |
| CBE-2-GF80-125B | 2*5.5  | 2*138    | 21       | 2950  | DN150×125 | 200  |                                                                                       | 21   | /    | /    | /    | /    | 20.5 | 20   | 19   | 18   | 16.5 | 15   | 12.5 | / | / |
| CBE-2-GF80-125A | 2*7.5  | 2*138    | 26       | 2950  | DN150×125 | 200  |                                                                                       | 26   | /    | /    | /    | /    | 25   | 25   | 24.5 | 23.8 | 22.5 | 21.5 | 19.5 | / | / |

| Model            | Power  | Max.flow | Max.head | Speed | Pipe      | Tank | Q (m³/h)                                                                              |      |      |      |      |      |      |      |      |      |     |   |   |
|------------------|--------|----------|----------|-------|-----------|------|---------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|-----|---|---|
|                  | kW     | M³/H     | m        | rpm   | conection | L    |                                                                                       | 0    | 60   | 90   | 120  | 144  | 180  | 200  | 210  | 220  | 240 |   |   |
| CBE-2-GF80-160D  | 2*11   | 2*180    | 28       | 2950  | DN150×125 | 200  |  | 28   | 27.3 | 27   | 24.5 | 21.1 | 16   | /    | /    | /    | /   | / | / |
| CBE-2-GF80-160C  | 2*15   | 2*210    | 34       | 2950  | DN150×125 | 300  |                                                                                       | 34   | 32.6 | 32.5 | 30.2 | 27   | 22.1 | 18.5 | 16.7 | /    | /   | / | / |
| CBE-2-GF80-160B  | 2*18.5 | 2*210    | 39       | 2950  | DN150×125 | 300  |                                                                                       | 39   | 38.5 | 38   | 36.7 | 33.6 | 28.8 | 25.3 | 23.5 | /    | /   | / | / |
| CBE-2-GF100-160C | 2*15   | 2*280    | 35       | 2950  | DN200×150 | 500  |                                                                                       | 35   | 33.5 | 32.5 | 30   | 27.8 | 24.5 | 21.5 | 20   | 18.3 | 15  | / | / |
| CBE-2-GF100-160B | 2*18.5 | 2*280    | 38.5     | 2950  | DN200×150 | 500  |                                                                                       | 38.5 | 37.5 | 36.5 | 34.3 | 32.2 | 29   | 25.7 | 24   | 22   | 18  | / | / |