COMBIPRESS "CB2"

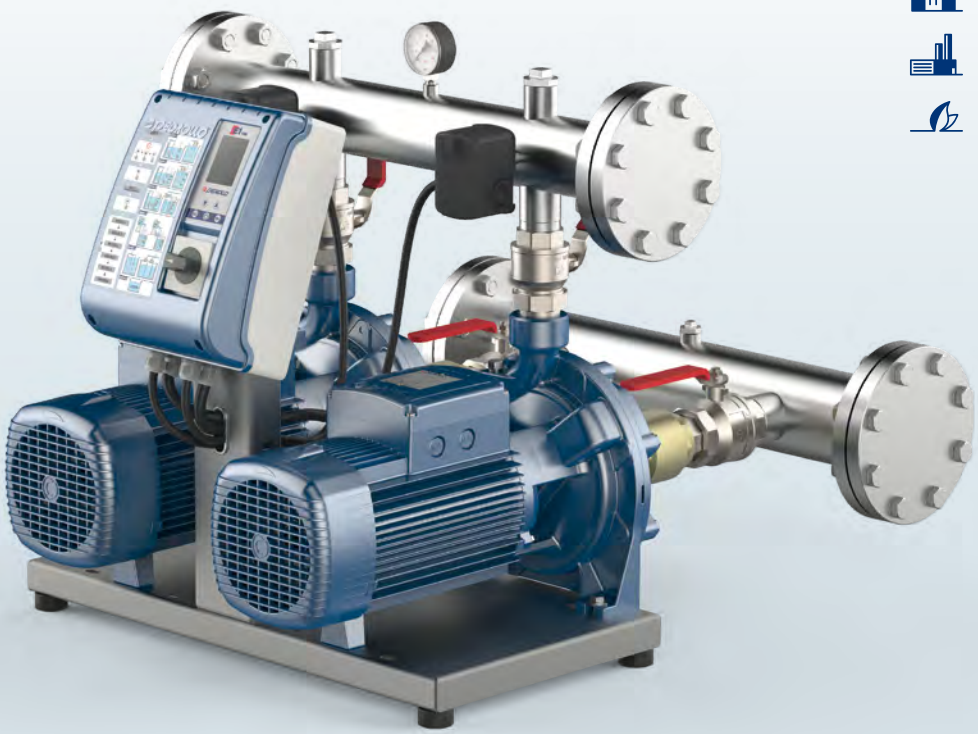
Fixed speed pressure units

Domestic use

Civil use

Industrial use

Agricultural use



INSTALLATION AND USE

CB2 is a pre-assembled pumping system comprising two pumps, designed for water supply and pressurization in residential, commercial, public buildings, hotels, hospitals, as well as for garden and agricultural irrigation.

CB2 is suitable for pumping clean water or aqueous solutions that do not chemically or mechanically damage the materials used and do not contain abrasive or fibrous substances.

PRODUCT DESCRIPTION

CB2 is a pressurization system featuring two pumps assembled in a unit, ready for connection to the water mains or a primary collection tank.

Controlled by mechanical pressure switches, **CB2** ensures automatic activation of one or both pumps in response to increased user demand, optimizing water supply and minimizing electricity consumption. The system's electronic circuitry facilitates automatic pump switching during start/stop cycles and provides protection against potential faults.

COMPONENTS

※ **Pumps** connected in parallel via suction and discharge manifolds. Each unit is equipped with ball valves on the discharge and suction side, non-return valves on the suction side (with 2CP, 3-5CR, FCR, MK pumps) or on the discharge side (with HT pumps).

※ **BASE** made of metal profile and fitted with adjustable vibration-damping feet.

※ **PRESSURE SWITCHES** mounted on the delivery manifold and connected to the control panel for switching the pumps on and off according to regulation.

※ **ELECTRONIC CONTROL PANEL** (model **E2**) provides protection against dry running by monitoring electrical parameters and allows advanced users to adjust settings to tailor the operation of the pressure unit to specific system requirements.

※ Power supply:
- **CB2m**: single-phase 230 V - 50 Hz
- **CB2**: three-phase 400 V - 50 Hz

CB2 – 2CP

Pressurization units comprising two twin impeller centrifugal pumps, designed to enhance water pressure. Ideal for both residential and commercial water supply applications, they are well-suited for large-scale garden and agricultural irrigation. They also excel at handling clean water in various industrial settings.

TECHNICAL DATA

- Liquid temperature between **+5 °C** and **+55 °C**
- Ambient temperature between **+5 °C** and **+40 °C**
- Max. pressure in the pump body **10 bar** (6 bar for 2CP25/130)
- Continuous running duty **S1**

CB2 – 3-5CR

Pressurization units comprising two multistage centrifugal pumps. They are well-suited for domestic water supply, garden irrigation, and general clean water handling.

TECHNICAL DATA

- Liquid temperature between **+5 °C** and **+55 °C**
- Ambient temperature between **+5 °C** and **+40 °C**
- Max. pressure in the pump body **7 bar**
- Continuous running duty **S1**

CB2 – FCR

Pressurization units comprising two horizontal multistage centrifugal pumps.

Especially well-suited for residential and commercial water supply, industrial pressure boosting, and garden and field irrigation.

TECHNICAL DATA

- Liquid temperature between **+5 °C** and **+55 °C**
- Ambient temperature between **+5 °C** and **+40 °C**
- Max. pressure in pump body **11 bar** (for FCR 80-100 7 bar)
- Continuous running duty **S1**

CB2 – MK

Pressurization units comprising two vertical multistage centrifugal pumps.

They are suitable for residential and commercial water supply, garden irrigation and general clean water handling.

TECHNICAL DATA

- Liquid temperature between **+5 °C** and **+55 °C**
- Ambient temperature between **+5 °C** and **+40 °C**
- Max. pressure in pump body **11 bar**
- Continuous running duty **S1**

CB2 – HT

Pressurization units comprising two vertical multistage centrifugal pumps.

They are well-suited for residential and commercial water supply, irrigation, and general clean water handling, including industrial applications

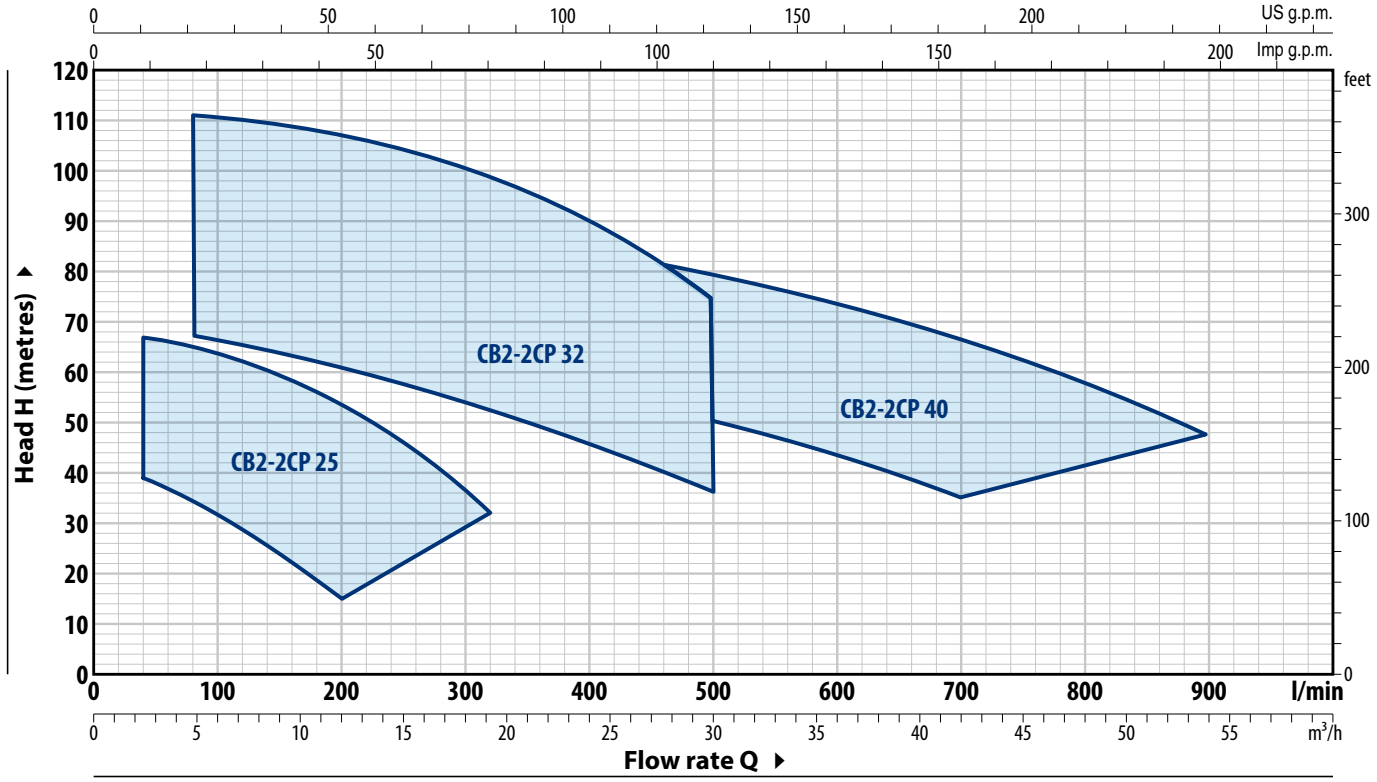
TECHNICAL DATA

- Liquid temperature between **+5 °C** and **+55 °C**
- Ambient temperature between **+5 °C** and **+40 °C**
- Max. pressure in the pump body **16 bar**
- Continuous running duty **S1**

CB2 – 2CP

FIELD AND PERFORMANCE DATA

50 Hz



TYPE		POWER P2		Q												
				m³/h	0	2.4	4.8	7.2	9.6	10.8	12.0	13.2	14.4	16.8	19.2
Single-phase	Three-phase	kW	HP	l/min	**0**	**40**	**80**	**120**	**160**	**180**	**200**	**220**	**240**	**280**	**320**
CB2 - 2CPm 25/130	–	2x0.75	2x1		42	39	34.5	28.5	22	18	15				
CB2 - 2CPm 25/14B	**CB2 - 2CP 25/14B**	2x1.1	2x1.5		54	52	47.5	41	32.5	27.5	22				
CB2 - 2CPm 25/16C	**CB2 - 2CP 25/16C**	2x1.1	2x1.5	**H** metres	47	46	44	40.5	36	33.5	30.5	27.5	24		
CB2 - 2CPm 25/16B	**CB2 - 2CP 25/16B**	2x1.5	2x2		58	56	54	51	47.5	45.5	43	40	37	30	
–	**CB2 - 2CP 25/16A**	2x2.2	2x3		68	67	65	62	58.5	56	54	51	48	40.5	32

TYPE		POWER P2		Q												
				m³/h	0	4.8	7.2	9.6	12.0	14.4	16.8	19.2	21.6	24.0	30.0
Single-phase	Three-phase	kW	HP	l/min	**0**	**80**	**120**	**160**	**200**	**240**	**280**	**320**	**360**	**400**	**500**
–	**CB2 - 2CP 32/200C**	2x3	2x4		70	67	65	63	60.5	58	55	52	48.5	45.5	36
–	**CB2 - 2CP 32/200B**	2x4	2x5.5		85	81	79	77	74.5	71.5	69	66	62.5	59	49
–	**CB2 - 2CP 32/210B**	2x5.5	2x7.5	**H** metres	94	94	93	91	89	86	83	79	75	70	56
–	**CB2 - 2CP 32/210A**	2x7.5	2x10		112	111	110	109	107	105	102	99	95	90	74

TYPE		POWER P2		Q									
				m³/h	0	12	18	24	30	36	42	48	54
Single-phase	Three-phase	kW	HP	l/min	**0**	**200**	**300**	**400**	**500**	**600**	**700**	**800**	**900**
–	**CB2 - 2CP 40/180C**	2x4	2x5.5		65	63	60	55.5	50	43	35		
–	**CB2 - 2CP 40/180B**	2x5.5	2x7.5	**H** metres	80	78	75	71	65.5	59	51	42	
–	**CB2 - 2CP 40/180A**	2x7.5	2x10		92	90	87.5	84	79	73.5	66	58	48

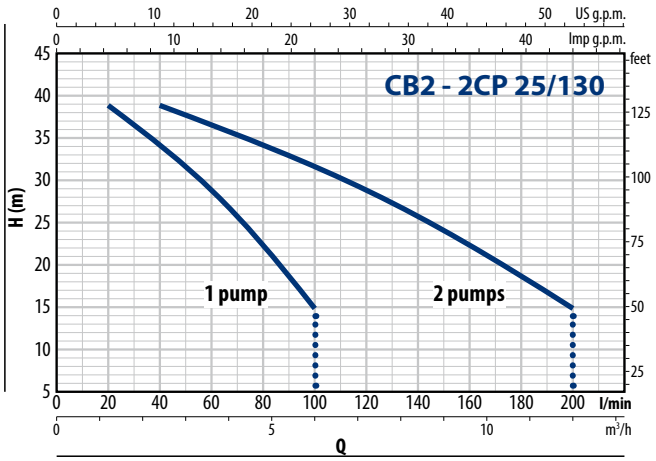
Q = Flow rate **H** = Total manometric head

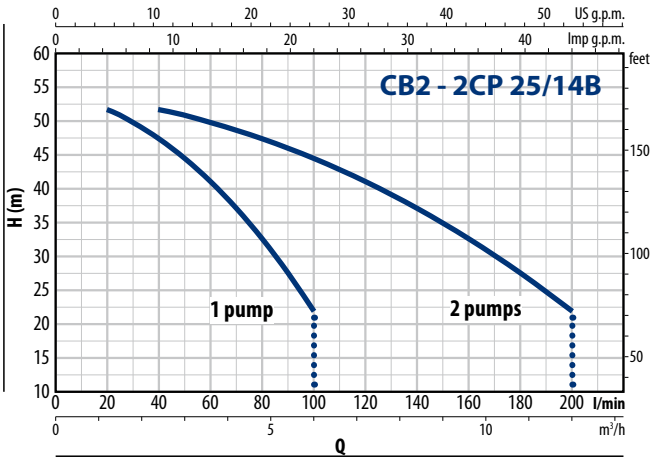
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

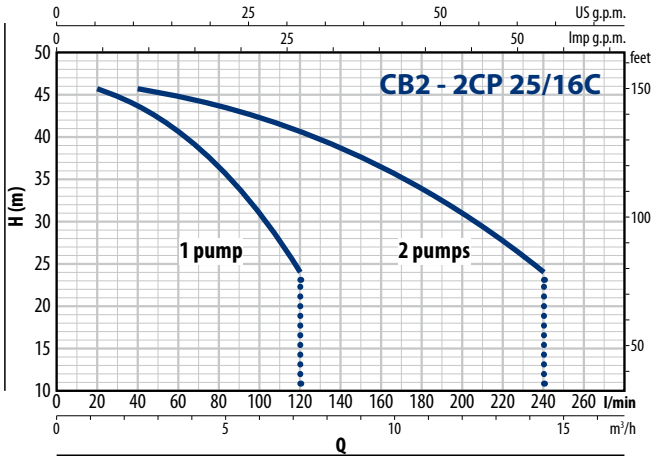
※ The data shown in the diagram and tables indicate performance with 2 pumps in operation

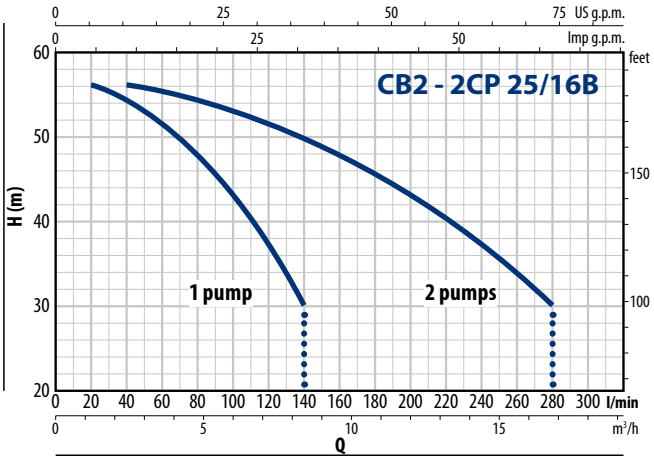
PERFORMANCE CURVES

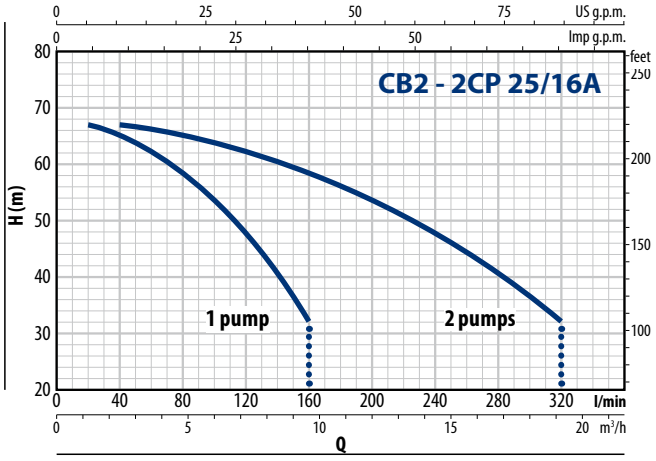
50 Hz

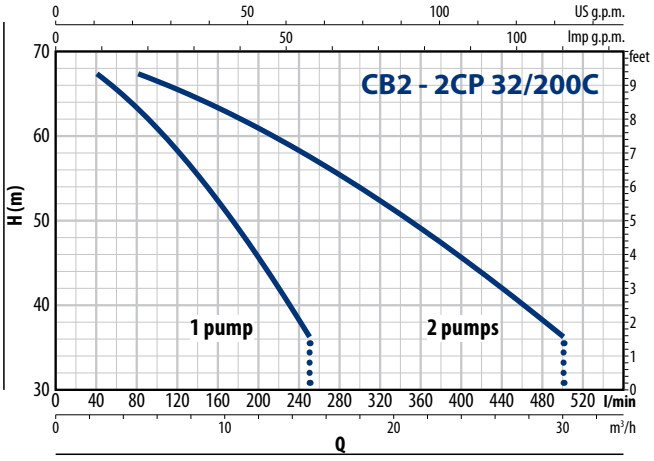


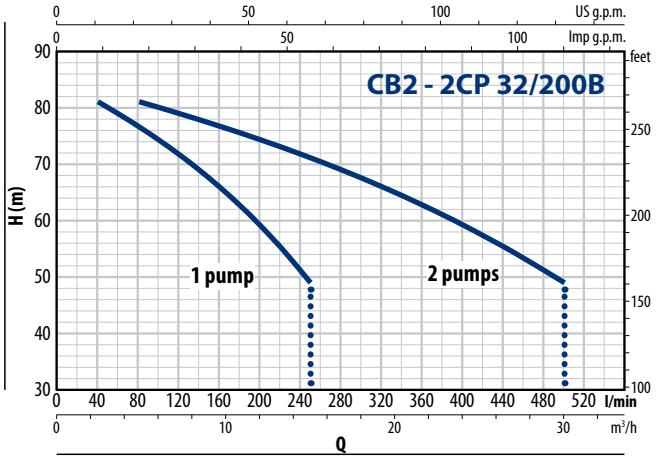


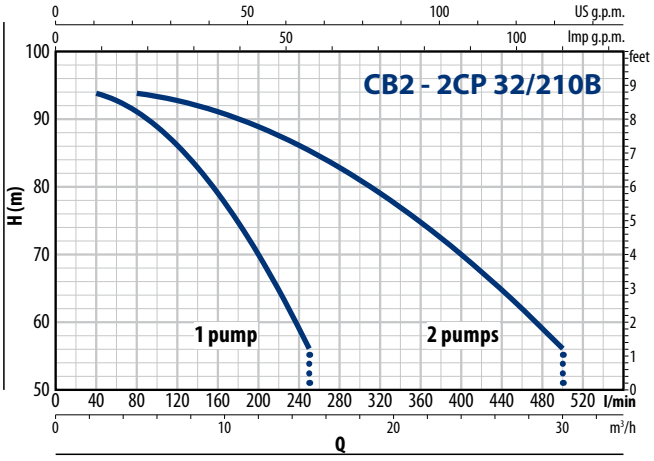








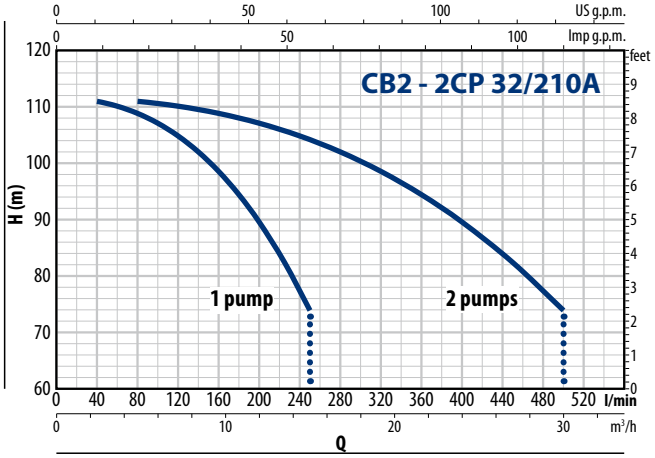


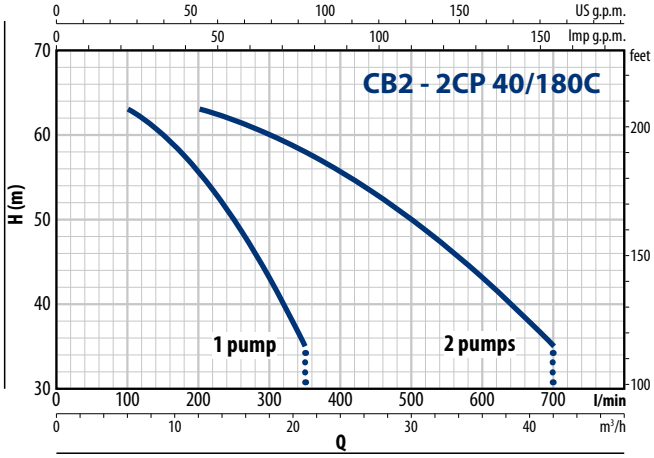


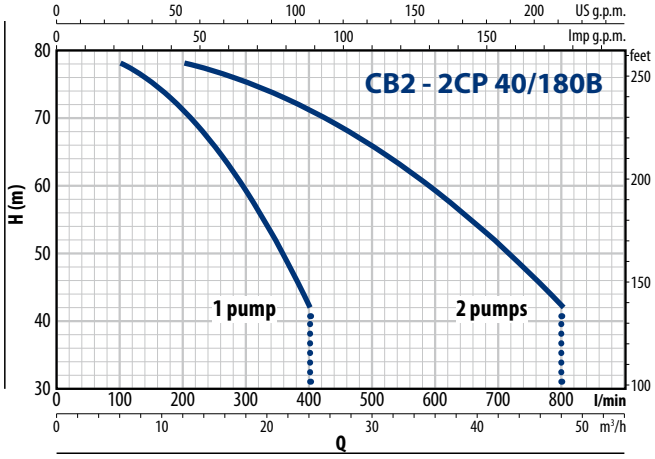
CB2 – 2CP

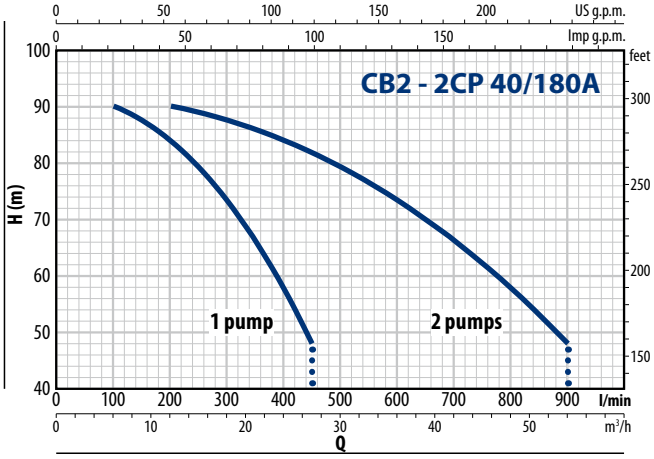
PERFORMANCE CURVES

50 Hz







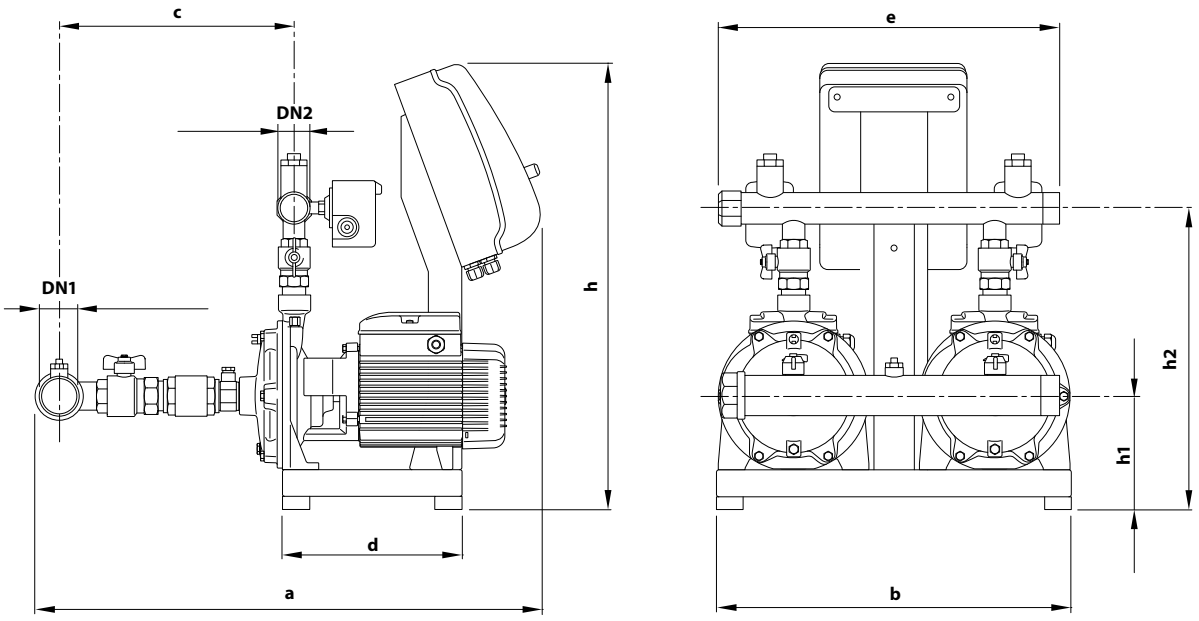


ABSORPTION

TYPE **Single-phase**	VOLTAGE **230 V**
CB2 - 2CPm 25/130	2 x 6.3 A
CB2 - 2CPm 25/14B	2 x 7.7 A
CB2 - 2CPm 25/16C	2 x 7.7 A
CB2 - 2CPm 25/16B	2 x 10.0 A

TYPE **Three-phase**	VOLTAGE **400 V**
CB2 - 2CP 25/14B	2 x 3.1 A
CB2 - 2CP 25/16C	2 x 3.1 A
CB2 - 2CP 25/16B	2 x 4.0 A
CB2 - 2CP 25/16A	2 x 5.3 A
CB2 - 2CP 32/200C	2 x 7.4 A
CB2 - 2CP 32/200B	2 x 10.5 A
CB2 - 2CP 32/210B	2 x 12.5 A
CB2 - 2CP 32/210A	2 x 16.0 A
CB2 - 2CP 40/180C	2 x 9.8 A
CB2 - 2CP 40/180B	2 x 12.3 A
CB2 - 2CP 40/180A	2 x 15.4 A

DIMENSIONS AND WEIGHT

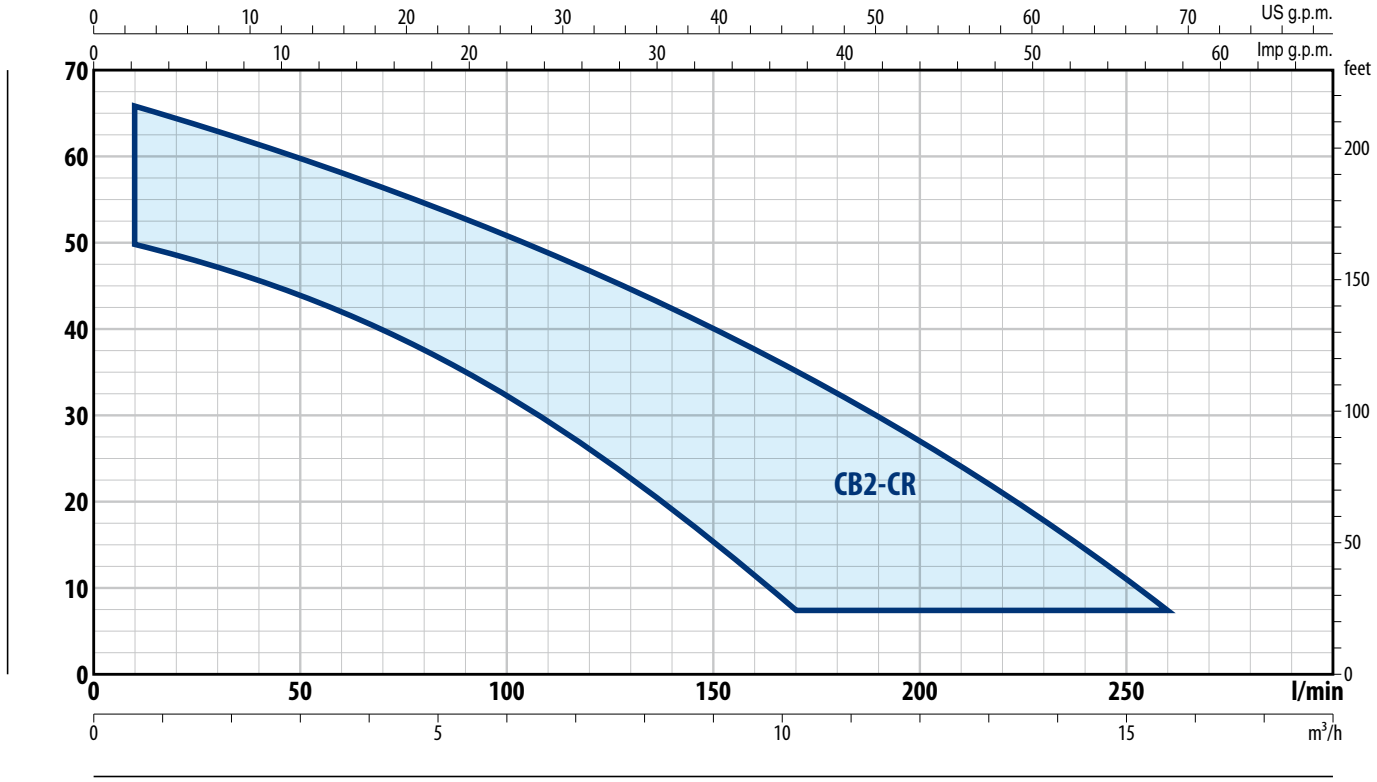


TYPE		PORTS		DIMENSIONS mm								kg	
Single-phase	**Three-phase**	DN1	DN2	a	b	c	d	e	h	h1	h2	1~	3~
CB2 - 2CPm 25/130	–	**2"**	**1½"**	727	530	337	270	510	674	152	390	60.0	–
CB2 - 2CPm 25/14B	**CB2 - 2CP 25/14B**			752		346				153	413	72.0	73.0
CB2 - 2CPm 25/16C	**CB2 - 2CP 25/16C**											73.0	73.0
CB2 - 2CPm 25/16B	**CB2 - 2CP 25/16B**			761						170	451	80.0	80.0
–	**CB2 - 2CP 25/16A**											–	86.0
–	**CB2 - 2CP 32/200C**	**3"**	**2"**	972	700	453	370	712		192	516	–	129.0
–	**CB2 - 2CP 32/200B**											–	135.0
–	**CB2 - 2CP 32/210B**			977		456				199	546	–	161.0
–	**CB2 - 2CP 32/210A**											–	171.0
–	**CB2 - 2CP 40/180C**	**DN 100 4"**	**DN 80 3"**	1048		468		774	716		590	–	190.0
–	**CB2 - 2CP 40/180B**											–	199.0
–	**CB2 - 2CP 40/180A**											–	211.0

CB2 – 4-5CR

FIELD AND PERFORMANCE DATA

50 Hz



TYPE		POWER (P2)		Q														
Single-phase	**Three-phase**	**kW**	**HP**	m³/h	0	0.6	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6
				l/min	**0**	**10**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**	**220**	**240**	**260**
CB2 - 5CRm 80	**CB2 - 5CR 80**	2x0.75	2x1		67	66	64	59	53	45.5	37.5	29.5	20.5	12					
CB2 - 4CRm 100	**CB2 - 4CR 100**	2x0.75	2x1	**H** metres	50	50	49	47	45	42	39.5	37	34	30.5	26.5	22	17	11	5
CB2 - 5CRm 100	**CB2 - 5CR 100**	2x0.90	2x1.25		63	62	61.5	59.5	57	53.5	50.5	46.5	42.5	38	33	28	22	15	8

Q = Flow rate **H** = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

※ The data shown in the diagram and tables indicate performance with 2 pumps in operation

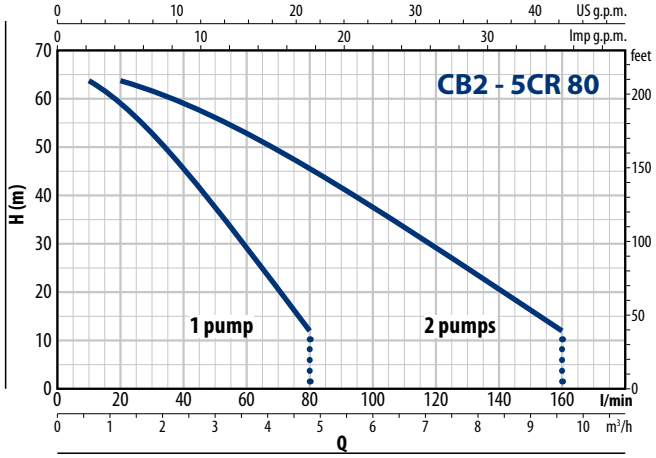
ABSORPTION

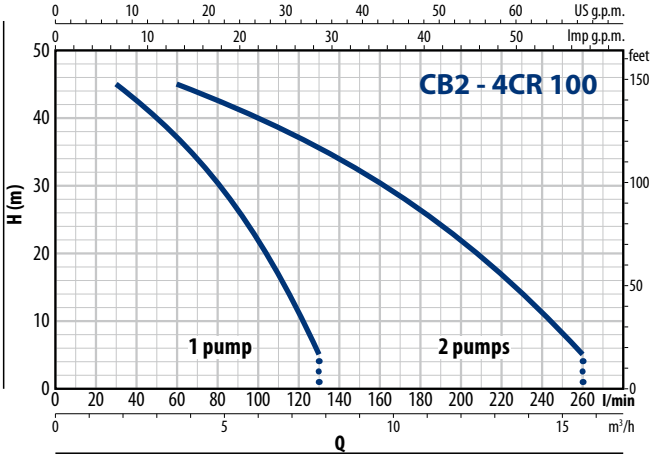
TYPE **Single-phase**	VOLTAGE **230 V**
CB2 - 5CRm 80	2 x 5.5 A
CB2 - 4CRm 100	2 x 5.8 A
CB2 - 5CRm 100	2 x 6.8 A

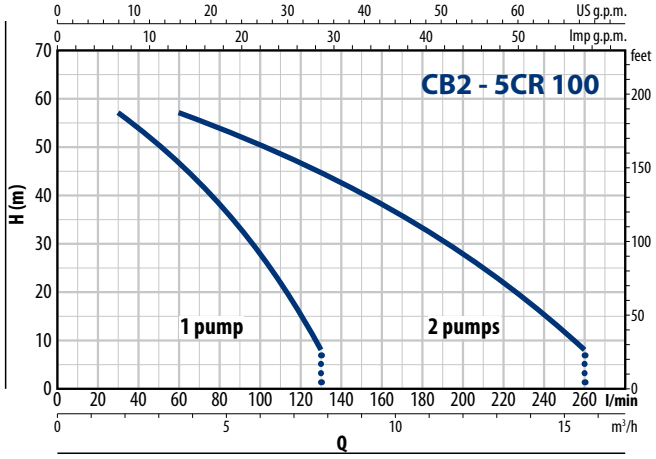
TYPE **Three-phase**	VOLTAGE **400 V**
CB2 - 5CR 80	2 x 2.5 A
CB2 - 4CR 100	2 x 2.3 A
CB2 - 5CR 100	2 x 2.5 A

PERFORMANCE CURVES

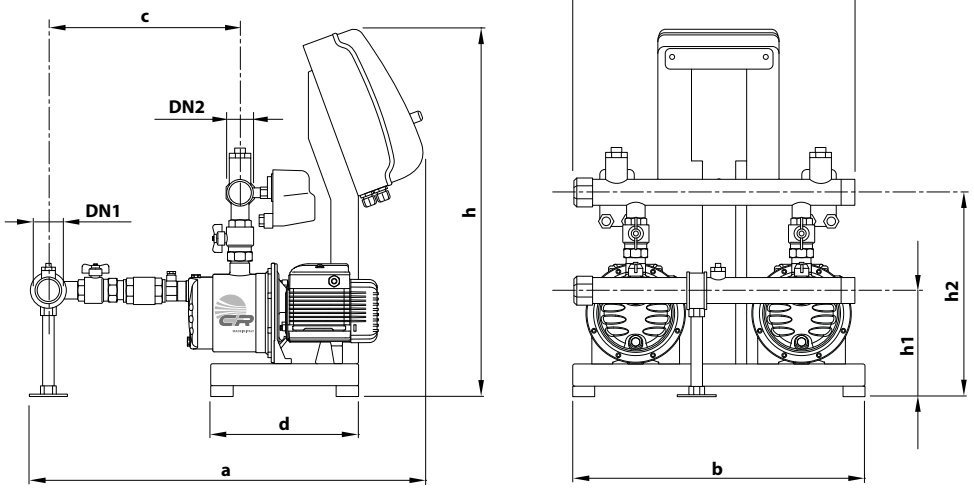
50 Hz







DIMENSIONS AND WEIGHT

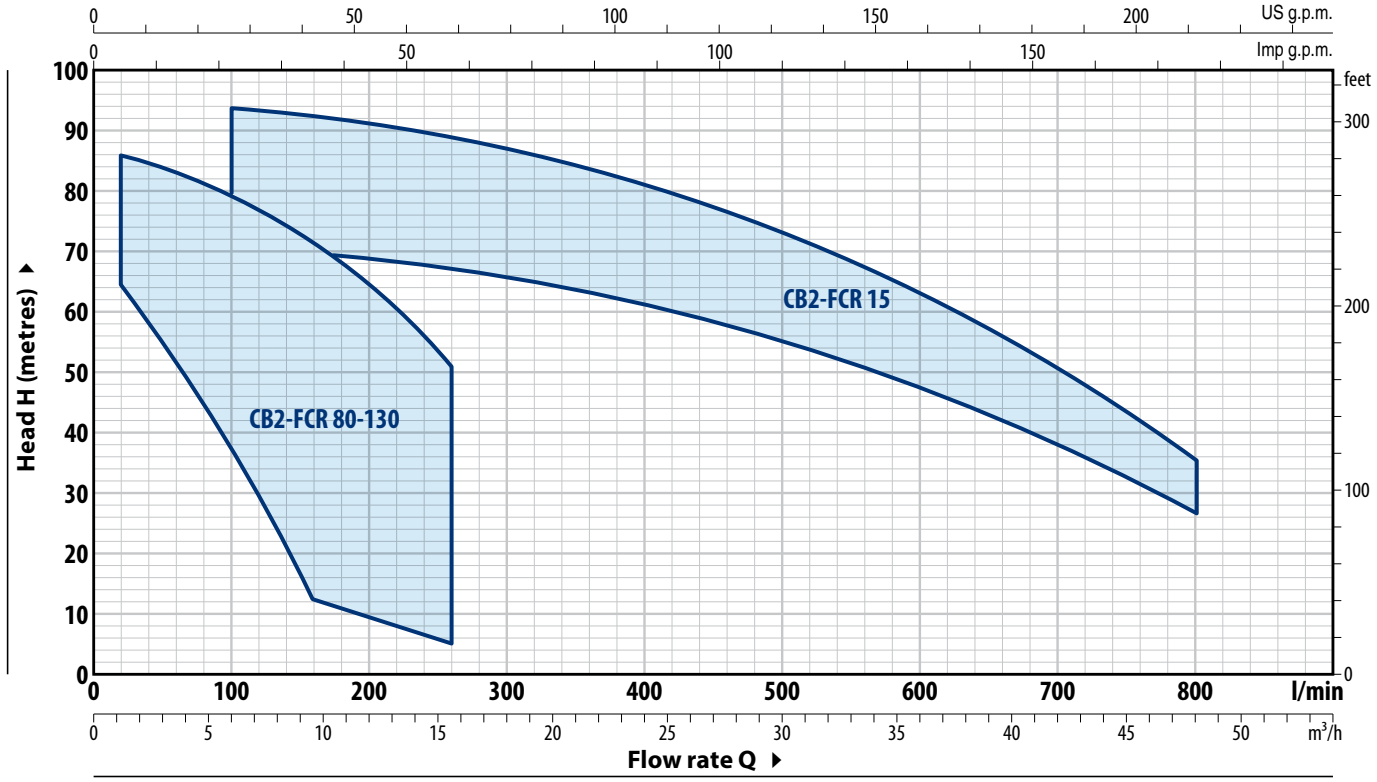


TYPE		PORTS		DIMENSIONS mm								kg	
Single-phase	Three-phase	DN1	DN2	a	b	c	d	e	h	h1	h2	1~	3~
CB2 - 5CRm 80	CB2 - 5CR 80	1½"	1½"	760	530	370	270	510	674	192	373	53	54
CB2 - 4CRm 100	CB2 - 4CR 100	2"	1½"	803	530	408	270	510	674	192	373	54	55
CB2 - 5CRm 100	CB2 - 5CR 100											56	55

CB2 – FCR

FIELD AND PERFORMANCE DATA

50 Hz



TYPE		POWER P2		Q	m³/h	0	0.6	1.2	2.4	4.8	7.2	9.6	10.8	12	13.2	14.4	15.6
Single-phase	**Three-phase**	**kW**	**HP**		l/min	**0**	**10**	**20**	**40**	**80**	**120**	**160**	**180**	**200**	**220**	**240**	**260**
CB2 - FCRm 80/5	–	2x0.75	2x1	**H** metres		67	66	64	59	45.5	29.5	12					
CB2 - FCRm 100/4	–	2x0.75	2x1			50	50	49	47	42	37	30.5	26.5	22	17	11	5
CB2 - FCRm 100/5	**CB2 - FCR 100/5**	2x1.1	2x1.5			63	62	61.5	59.5	53.5	46.5	38	33	28	22	15	8
CB2 - FCRm 90/5	**CB2 - FCR 90/5**	2x1.1	2x1.5			81	80	79	77	71	62.5	51	44				
CB2 - FCRm 130/4	**CB2 - FCR 130/4**	2x1.5	2x2			68.5	68.5	68	67	65	62	57.5	55	52	48	45	41
–	**CB2 - FCR 130/5**	2x1.8	2x2.5			86	85	85	84	81	77	72	68.5	65	73	67	51.5

TYPE		POWER P2		Q	m³/h	0	6	12	24	36	42	48
Single-phase	**Three-phase**	**kW**	**HP**		l/min	**0**	**100**	**200**	**400**	**600**	**700**	**800**
–	**CB2 - FCR 15/3**	2x4	2x5.5	**H** metres		72	70	68.5	61	48	38.5	27
–	**CB2 - FCR 15/4**	2x5.5	2x7.5			96	94	91	81	64	51.5	36

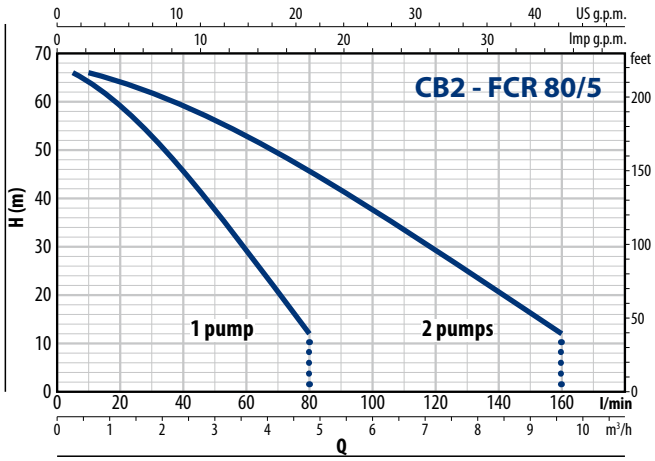
Q = Flow rate **H** = Total manometric head

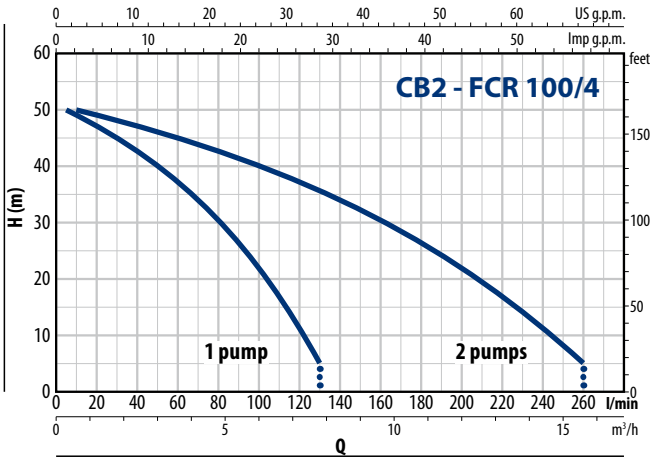
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

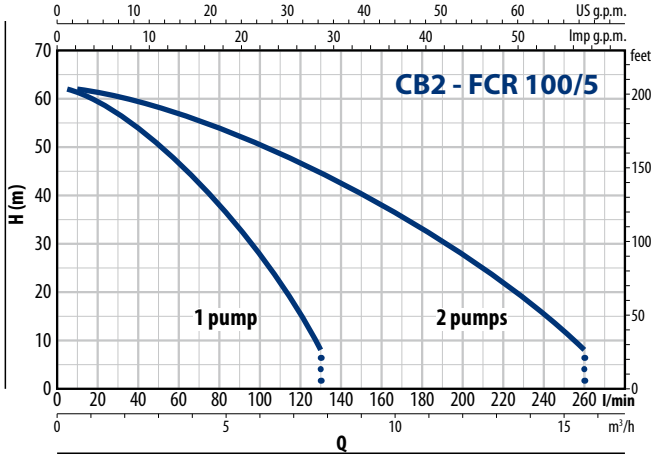
※ **The data shown in the diagram and tables indicate performance with 2 pumps in operation**

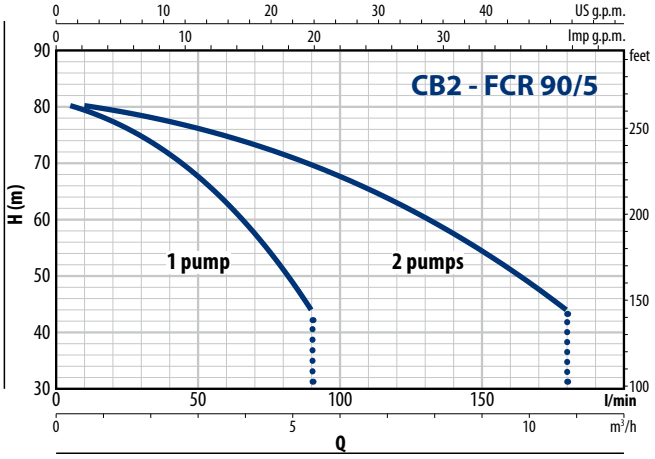
PERFORMANCE CURVES

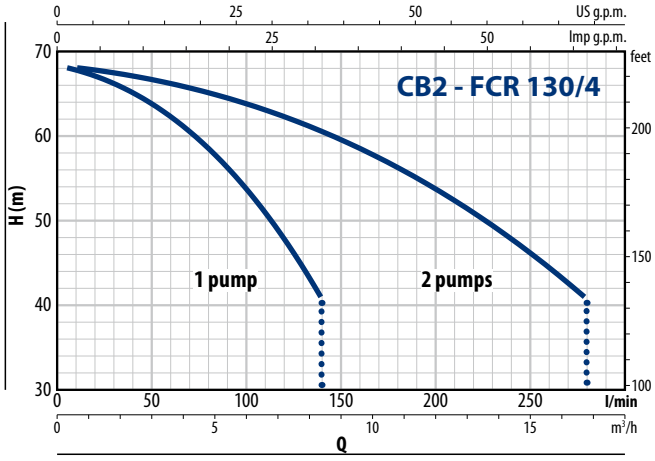
50 Hz

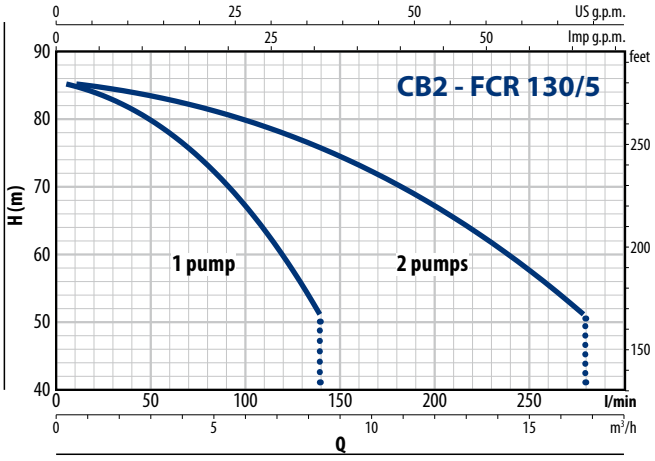


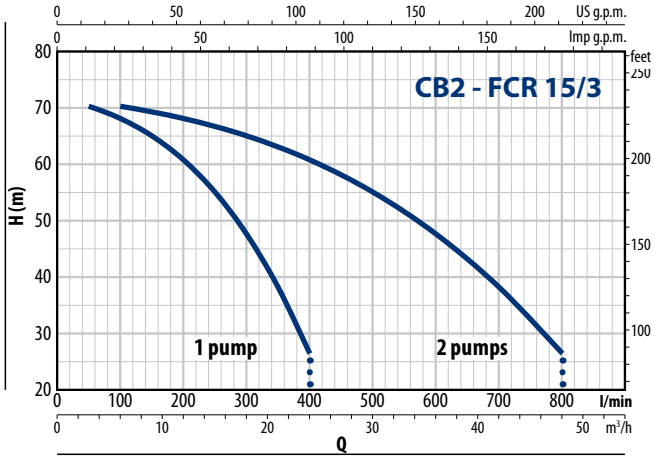


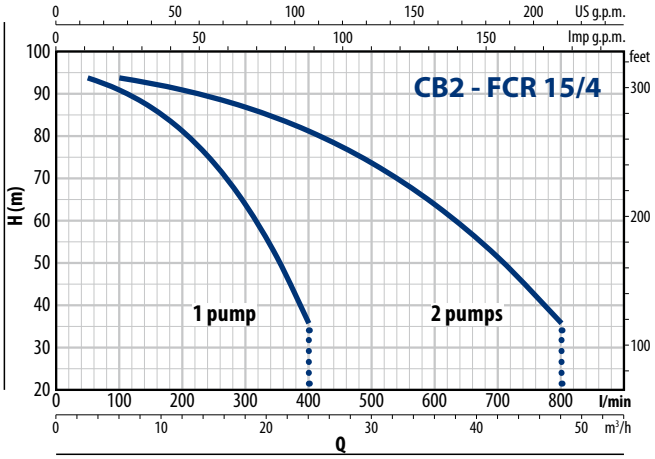












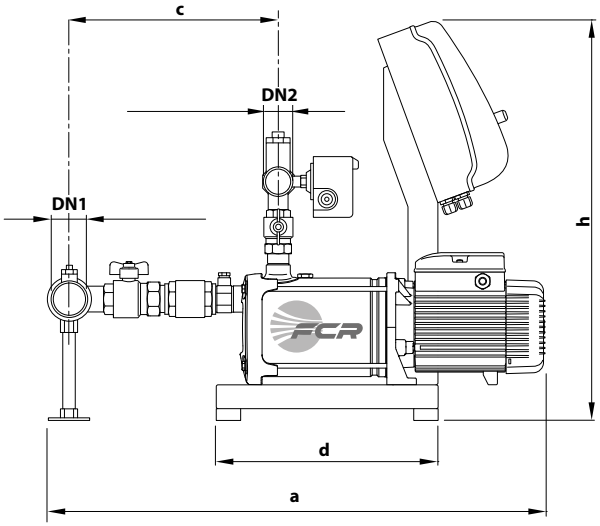
CB2 – FCR

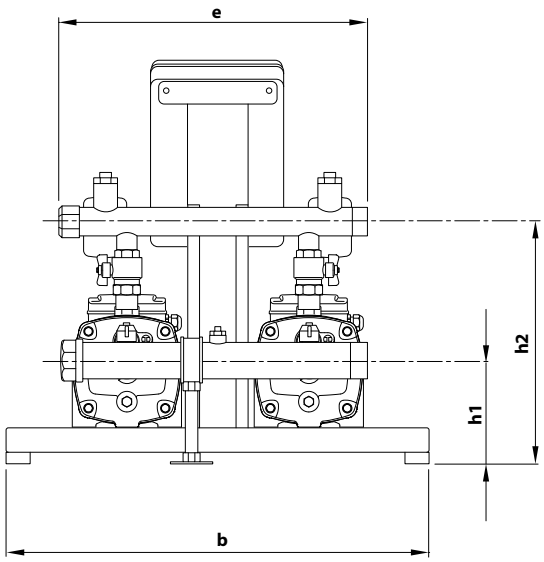
ABSORPTION

TYPE **Single-phase**	VOLTAGE **230 V**
CB2 - FCRm 80/5	2 x 5.5 A
CB2 - FCRm 100/4	2 x 5.8 A
CB2 - FCRm 100/5	2 x 6.8 A
CB2 - FCRm 90/5	2 x 9.0 A
CB2 - FCRm 130/4	2 x 10.3 A

TYPE **Three-phase**	VOLTAGE **400 V**
CB2 - FCR 100/5	2 x 2.5 A
CB2 - FCR 90/5	2 x 3.5 A
CB2 - FCR 130/4	2 x 4.0 A
CB2 - FCR 130/5	2 x 5.0 A
CB2 - FCR 15/3	2 x 8.8 A
CB2 - FCR 15/4	2 x 11.2 A

DIMENSIONS AND WEIGHT

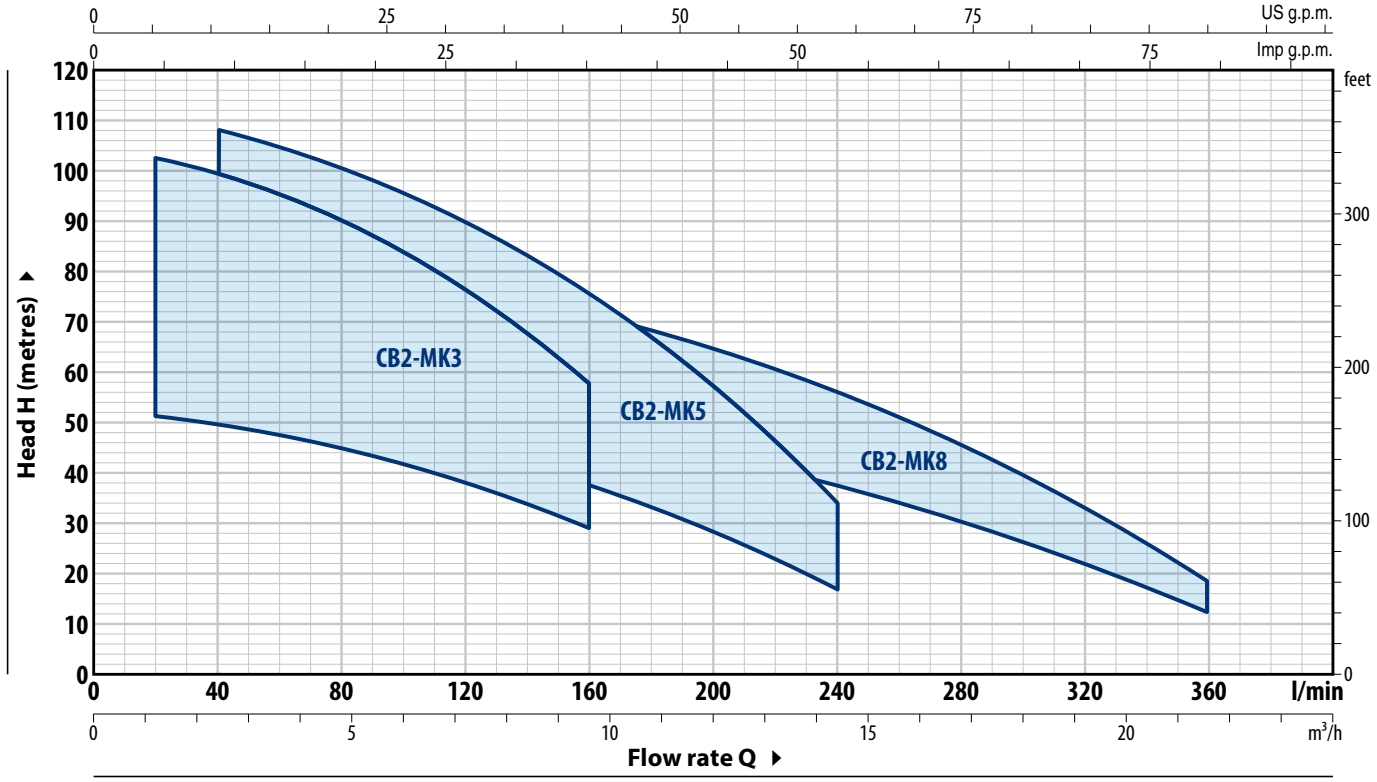




TYPE		PORTS		DIMENSIONS mm								kg	
Single-phase	**Three-phase**	DN1	DN2	a	b	c	d	e	h	h1	h2	1~	3~
CB2 - FCRm 80/5	–	**1½"**	**1½"**	672	530	364	270	510	674	182	368	53	–
CB2 - FCRm 100/4	–	**2"**	**1½"**	715		401						56	–
CB2 - FCRm 100/5	**CB2 - FCR 100/5**											56	56
CB2 - FCRm 90/5	**CB2 - FCR 90/5**			805	700	339	370			205	394	82	83
CB2 - FCRm 130/4	**CB2 - FCR 130/4**			779								82	83
–	**CB2 - FCR 130/5**			805								–	90
–	**CB2 - FCR 15/3**	**DN 100 4"**	**DN 80 3"**	1058	700	569	490	774	704	211	565	–	179
–	**CB2 - FCR 15/4**			1102		613						–	191

FIELD AND PERFORMANCE DATA

50 Hz



TYPE		POWER P2		Q											
Single-phase	Three-phase	kW	HP	m³/h	0	1.2	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2	21.6
				l/min	**0**	**20**	**40**	**80**	**120**	**160**	**200**	**240**	**280**	**320**	**360**
CB2 - MKm 3/3	**CB2 - MK 3/3**	2x0.75	2x1	H metres	52.5	51.5	50	45	38.5	29					
CB2 - MKm 3/5	**CB2 - MK 3/5**	2x1.1	2x1.5		87	85	83	75	64	48					
CB2 - MKm 3/6	**CB2 - MK 3/6**	2x1.5	2x2		105	103	100	90	77	58					
CB2 - MKm 5/4	**CB2 - MK 5/4**	2x0.75	2x1		57	–	54	50	45	37.5	28.5	17			
CB2 - MKm 5/5	**CB2 - MK 5/5**	2x1.1	2x1.5		71	–	67.5	62.5	56	47	35.5	21.5			
CB2 - MKm 5/7	**CB2 - MK 5/7**	2x1.5	2x2		99	–	95	88	78	66	50	30			
CB2 - MKm 5/8	**CB2 - MK 5/8**	2x2.2	2x3		114	–	108	100	90	75	57	34			
CB2 - MKm 8/4	**CB2 - MK 8/4**	2x1.1	2x1.5		56	–	–	53.5	51	47.5	43	37.5	30.5	22.1	12
CB2 - MKm 8/5	**CB2 - MK 8/5**	2x1.5	2x2		70	–	–	67	64	59.5	54	47	38	27.5	15.5
CB2 - MKm 8/6	**CB2 - MK 8/6**	2x2.2	2x3		84	–	–	80	77	72	64.5	56	45.5	33	18.5

Q = Flow rate **H** = Total manometric head

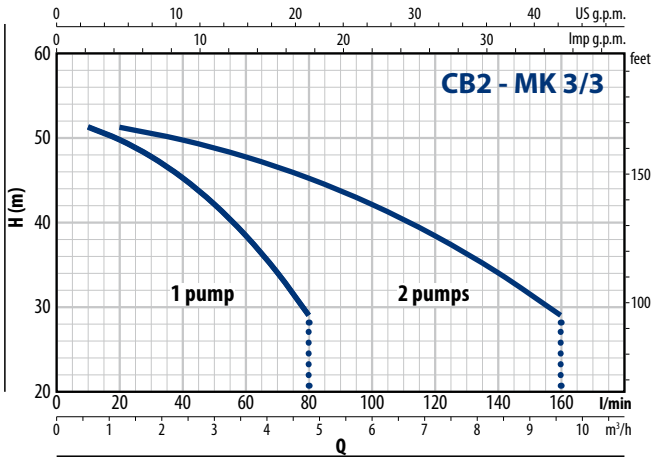
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

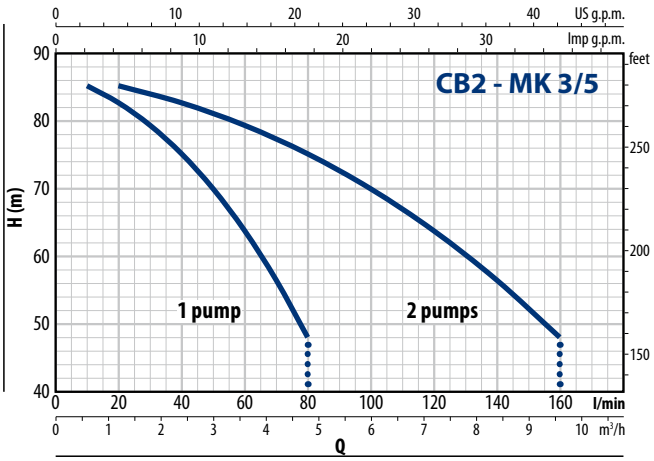
※ **The data shown in the diagram and tables indicate performance with 2 pumps in operation**

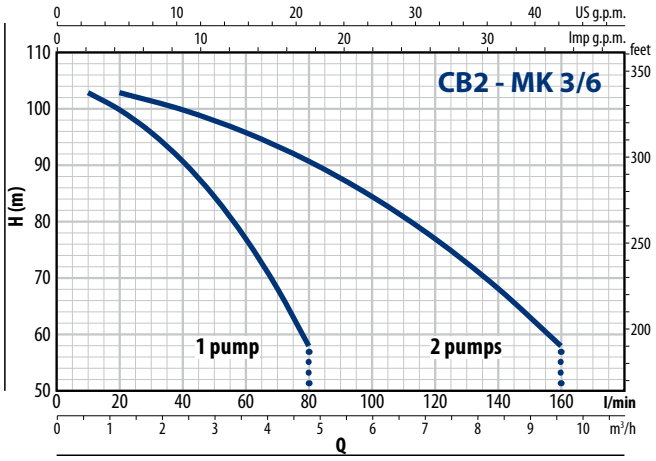
CB2 – MK

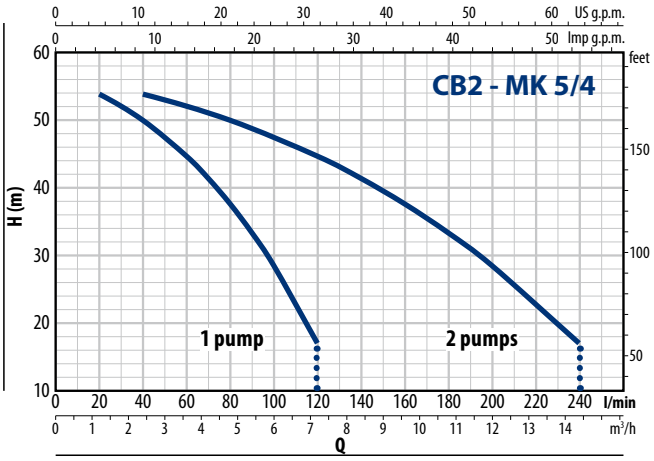
PERFORMANCE CURVES

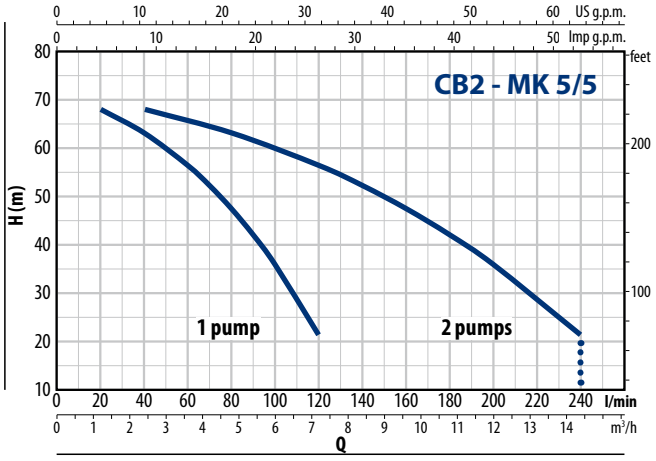
50 Hz

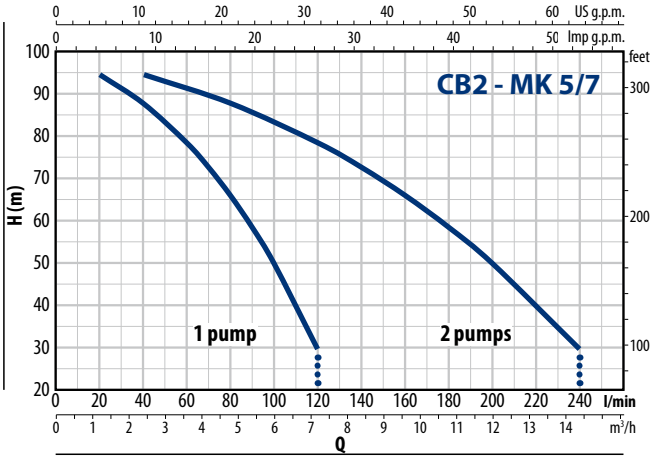


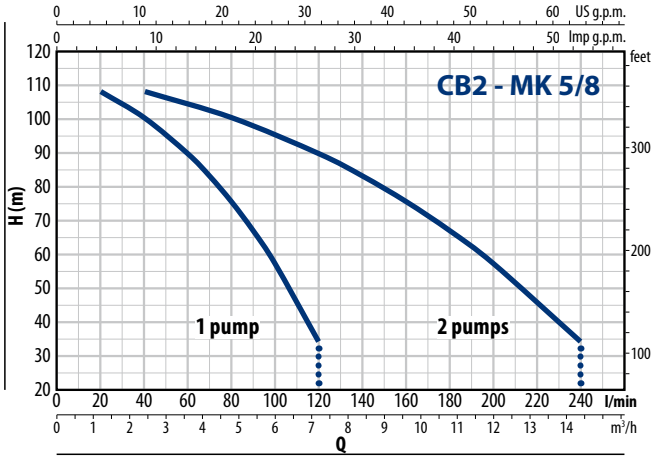


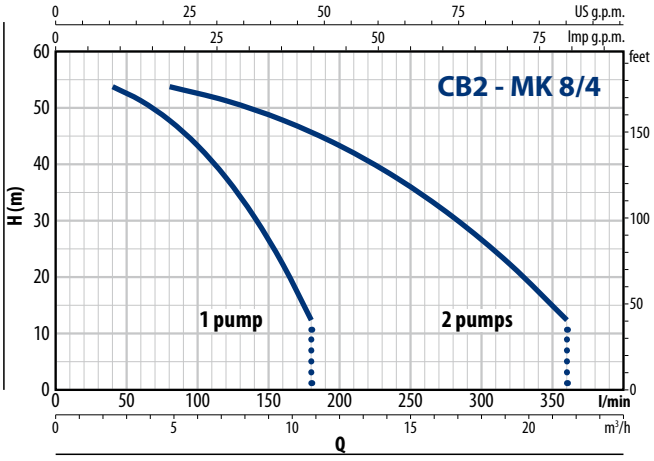






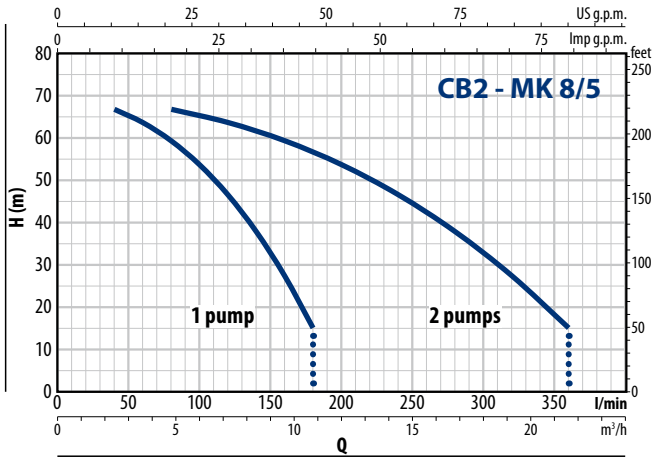


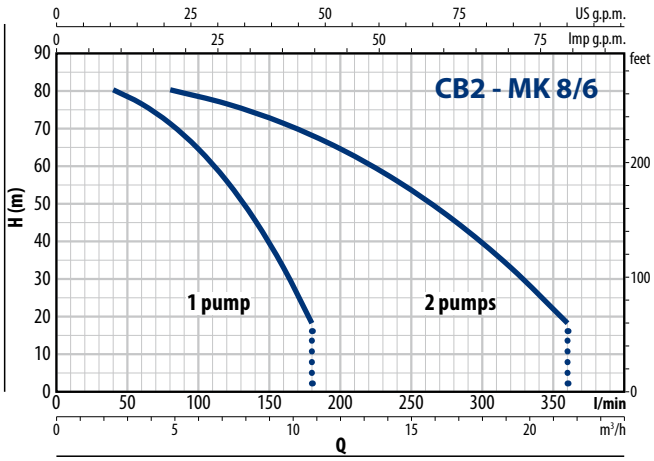




PERFORMANCE CURVES

50 Hz





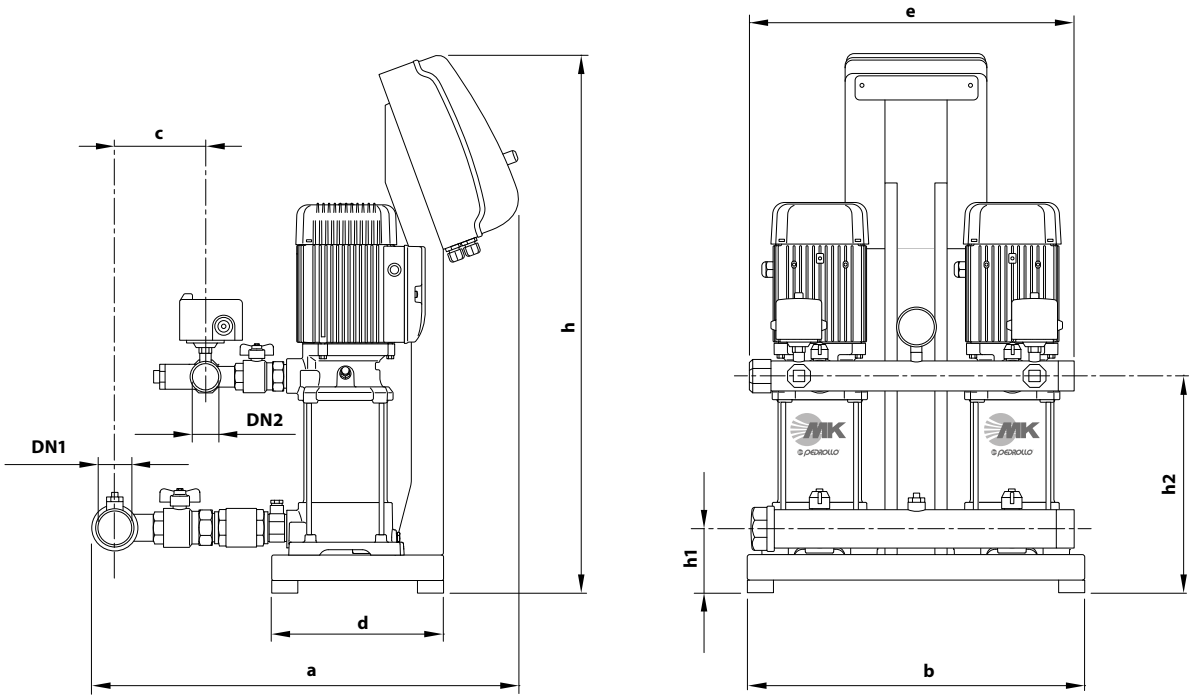
ABSORPTION

TYPE **Single-phase**	VOLTAGE **230 V**
CB2 - MKm 3/3	2 x 5.7 A
CB2 - MKm 3/5	2 x 7.8 A
CB2 - MKm 3/6	2 x 9.5 A
CB2 - MKm 5/4	2 x 5.7 A
CB2 - MKm 5/5	2 x 7.1 A
CB2 - MKm 5/7	2 x 9.3 A
CB2 - MKm 5/8	2 x 10.0 A
CB2 - MKm 8/4	2 x 7.8 A
CB2 - MKm 8/5	2 x 9.7 A
CB2 - MKm 8/6	2 x 11.1 A

TYPE **Three-phase**	VOLTAGE **400 V**
CB2 - MK 3/3	2 x 2.5 A
CB2 - MK 3/5	2 x 3.0 A
CB2 - MK 3/6	2 x 3.5 A
CB2 - MK 5/4	2 x 2.5 A
CB2 - MK 5/5	2 x 2.7 A
CB2 - MK 5/7	2 x 3.5 A
CB2 - MK 5/8	2 x 4.3 A
CB2 - MK 8/4	2 x 3.0 A
CB2 - MK 8/5	2 x 3.5 A
CB2 - MK 8/6	2 x 4.5 A

CB2 – MK

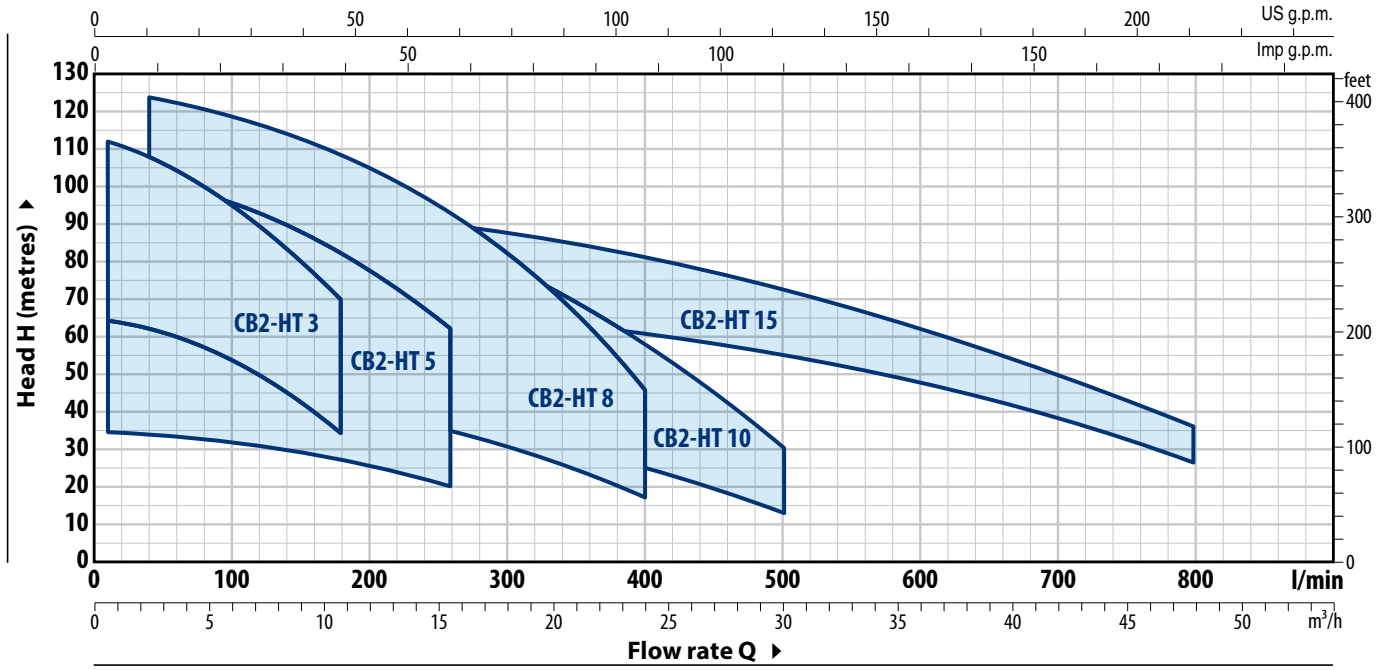
DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm								kg	
Single-phase	**Three-phase**	DN1	DN2	a	b	c	d	e	h	h1	h2	1~	3~
CB2 - MKm 3/3	**CB2 - MK 3/3**										234	75.0	73.0
CB2 - MKm 3/5	**CB2 - MK 3/5**										288	76.0	77.0
CB2 - MKm 3/6	**CB2 - MK 3/6**										315	80.0	81.0
CB2 - MKm 5/4	**CB2 - MK 5/4**	**2"**		673		135					261	76.0	74.0
CB2 - MKm 5/5	**CB2 - MK 5/5**										288	76.0	77.0
CB2 - MKm 5/7	**CB2 - MK 5/7**		**1½"**		530		270	510	854	102	342	81.0	81.0
CB2 - MKm 5/8	**CB2 - MK 5/8**										369	82.0	82.0
CB2 - MKm 8/4	**CB2 - MK 8/4**										261	80.0	81.0
CB2 - MKm 8/5	**CB2 - MK 8/5**	**2½"**		719		171					288	81.0	81.0
CB2 - MKm 8/6	**CB2 - MK 8/6**										315	87.0	87.0

FIELD AND PERFORMANCE DATA

50 Hz



TYPE		POWER (P2)		Q									
Single-phase	Three-phase	kW	HP	m³/h	0	0.6	1.2	2.4	4.8	7.2	9.6	10.8	
				l/min	**0**	**10**	**20**	**40**	**80**	**120**	**160**	**180**	
CB2 - HTm 3/4	CB2 - HT 3/4	2x0.75	2x1	H metres	65	65	63.5	62	57	50	40.5	35	
CB2 - HTm 3/5	CB2 - HT 3/5	2x1.1	2x1.5		81	80	79	77	71	62.5	51	44	
CB2 - HTm 3/6	CB2 - HT 3/6	2x1.5	2x2		97	96	95	93	86	75	61	52	
–	CB2 - HT 3/7	2x1.8	2x2.5		113	112	111	108	100	88	71	61	

TYPE		POWER (P2)		Q										
Single-phase	Three-phase	kW	HP	m³/h	0	0.6	1.2	2.4	4.8	7.2	9.6	10.8	12	15.6
				l/min	**0**	**10**	**20**	**40**	**80**	**120**	**160**	**180**	**200**	**260**
CB2 - HTm 5/2	CB2 - HT 5/2	2x0.75	2x1	H metres	35	35	32.7	32.3	32.5	31	25.5	27.5	26	20.5
CB2 - HTm 5/3	CB2 - HT 5/3	2x1.1	2x1.5		51.5	51.5	51	50.5	49	46.5	43	41	39	31
CB2 - HTm 5/4	CB2 - HT 5/4	2x1.5	2x2		68.5	68.5	68	67	65	62	57.5	55	52	41
–	CB2 - HT 5/5	2x1.8	2x2.5		86	85	85	84	81	77	72	68.5	65	51.5
–	CB2 - HT 5/6	2x2.2	2x3		103	103	102	101	98	93	86	82	78	62

TYPE		POWER (P2)		Q											
Single-phase	Three-phase	kW	HP	m³/h	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21.6	24
				l/min	**0**	**40**	**80**	**120**	**160**	**200**	**240**	**280**	**320**	**360**	**400**
CB2 - HTm 8/3	CB2 - HT 8/3	2x1.1	2x1.5	H metres	47	46.5	45.5	44	42	39.5	36.5	32.5	28	23.1	17
CB2 - HTm 8/4	CB2 - HT 8/4	2x1.5	2x2		62.5	62	60.5	58.5	56	53	48.5	43.5	37.5	31	23
–	CB2 - HT 8/5	2x1.8	2x2.5		78	77.5	76	73	70	66	61	54.5	47	38.5	28.5
–	CB2 - HT 8/6	2x2.2	2x3		94	93	91	88	84	79	73	65.5	56.5	46	34.5
※ –	CB2 - HT 8/7	2x3	2x4		109	108	106	103	98	92	85	76	66	54	40

TYPE		POWER (P2)		Q											
Single-phase	Three-phase	kW	HP	m³/h	0	3.6	6	7.2	9.6	14.4	18	20.4	24	26.4	30
				l/min	**0**	**60**	**100**	**120**	**160**	**240**	**300**	**340**	**400**	**440**	**500**
※ CB2 - HTm 10/3	CB2 - HT 10/3	2x1.5	2x2	H metres	47	45.5	44	43.5	42	38	33.5	30.5	24.7	20.3	13
※ CB2 - HTm 10/4	CB2 - HT 10/4	2x1.8	2x2.5		62	61	59	58	56	50.5	45	40.5	33	27	18
※ –	CB2 - HT 10/5	2x2.2	2x3		77	75.5	74	73	70	63	56	50.5	41	34	21.5
※ –	CB2 - HT 10/6	2x3	2x4		93	91	88	87	84	76	67.5	61	49.5	40.5	26
※ –	CB2 - HT 10/7	2x3	2x4		108	106	103	102	98	88	79	71	57.5	47.5	30

TYPE		POWER (P2)		Q							
Single-phase	Three-phase	kW	HP	m³/h	0	6	12	24	36	42	48
				l/min	**0**	**100**	**200**	**400**	**600**	**700**	**800**
–	CB2 - HT 15/3	2x4	2x5.5	H metres	72	70	68.5	61	48	38.5	27
–	CB2 - HT 15/4	2x5.5	2x7.5		96	94	91	81	64	51.5	36

Q = Flow rate **H** = Total manometric head

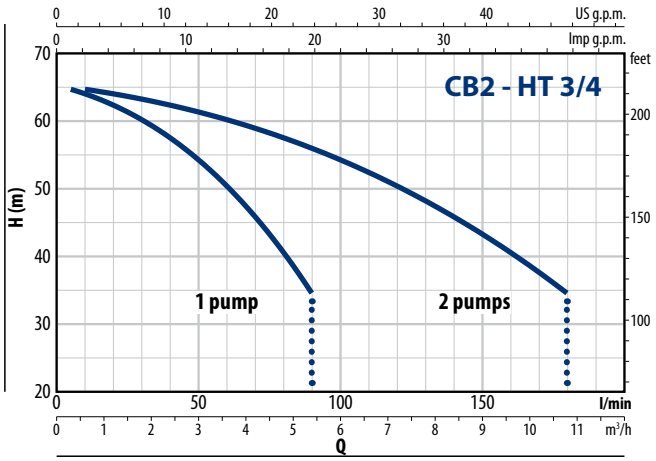
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

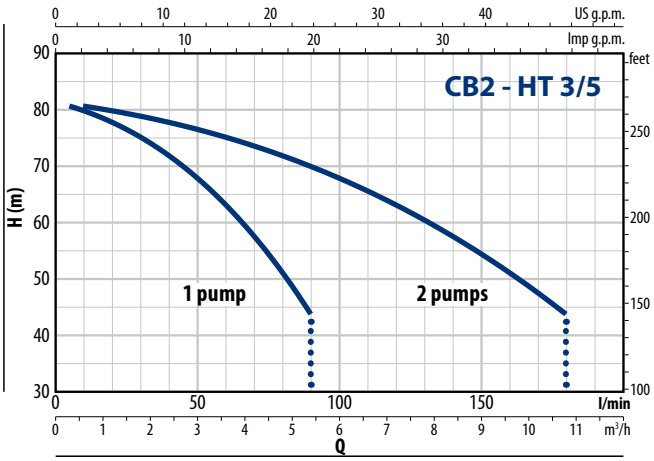
※ The data shown in the diagram and tables indicate performance with 2 pumps in operation

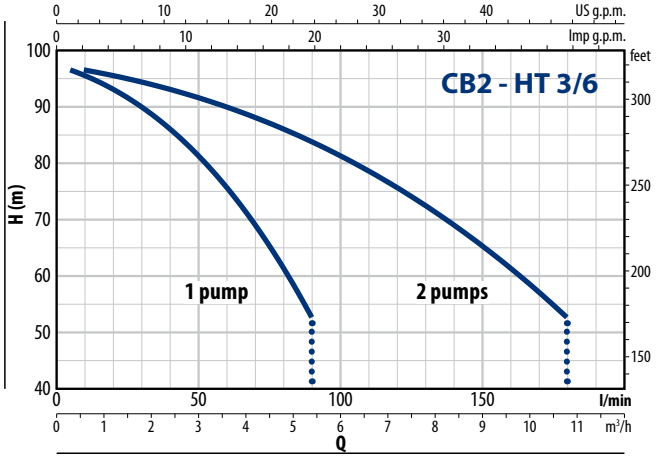
CB2 – HT

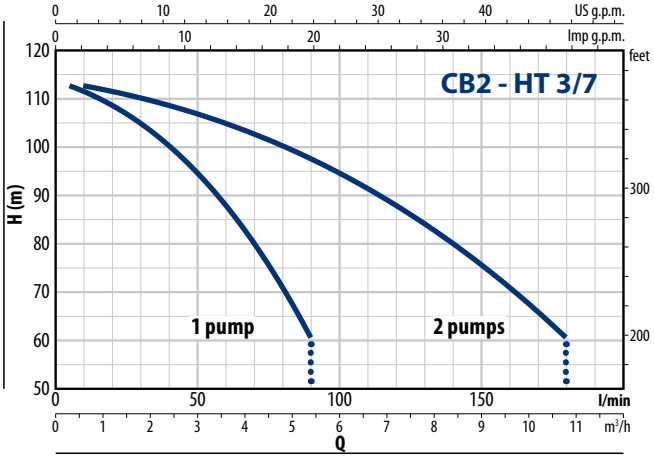
PERFORMANCE CURVES

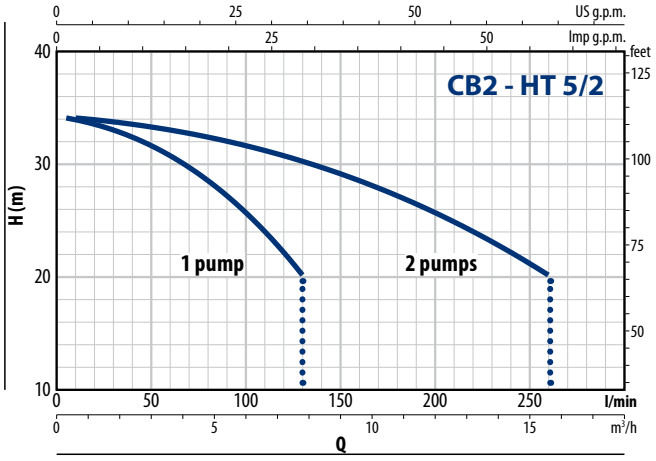
50 Hz

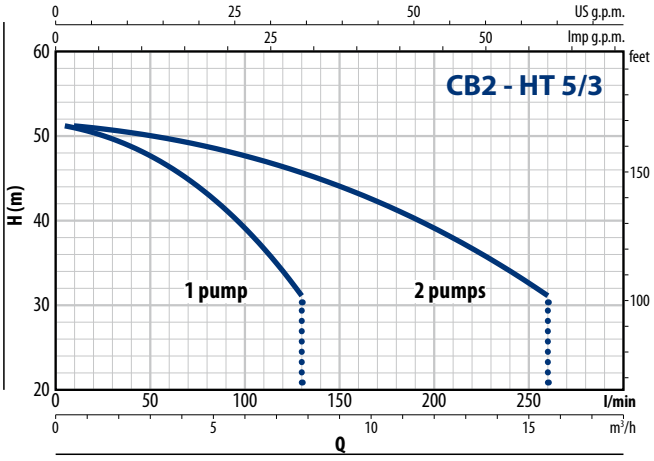


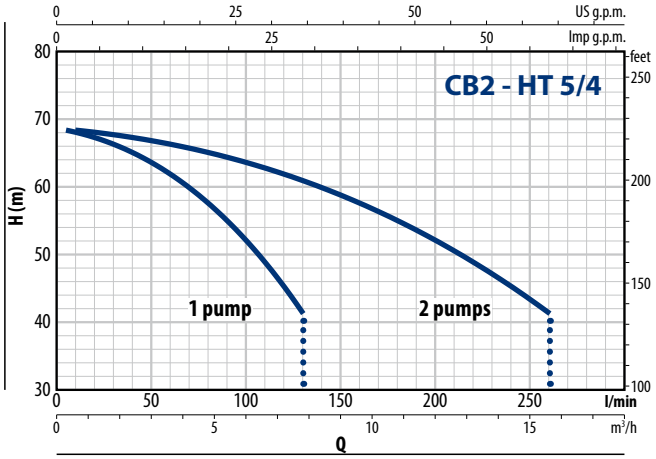


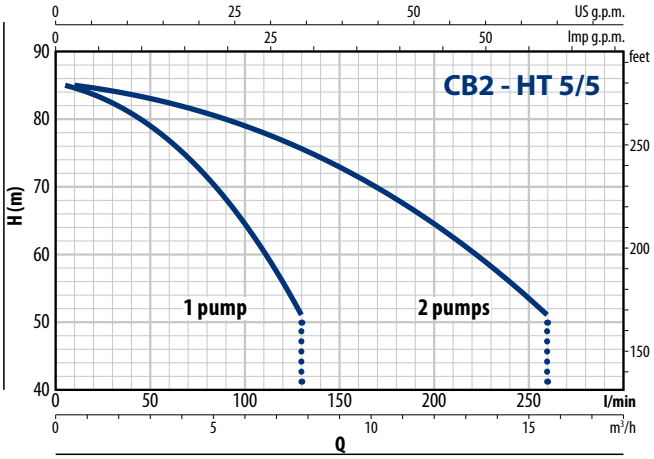






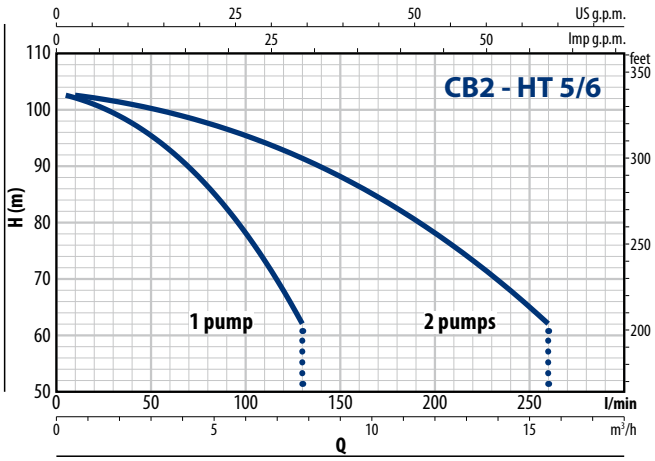


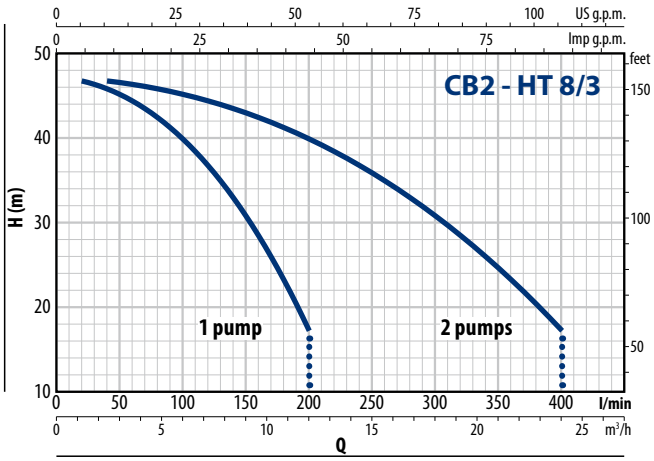


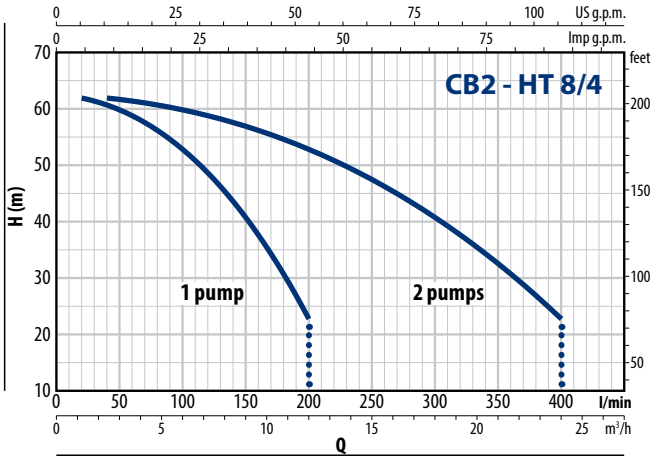


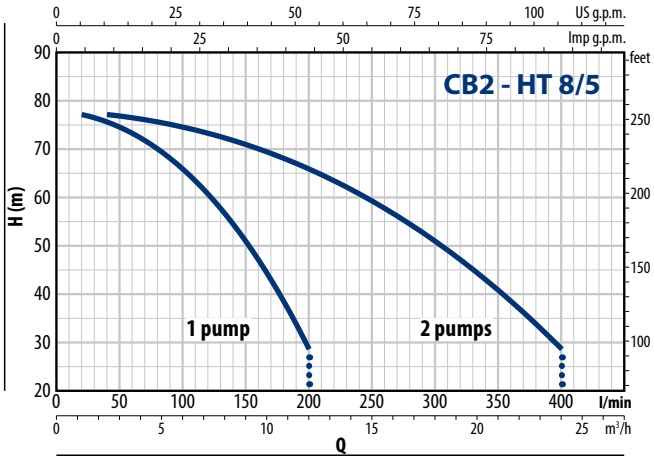
PERFORMANCE CURVES

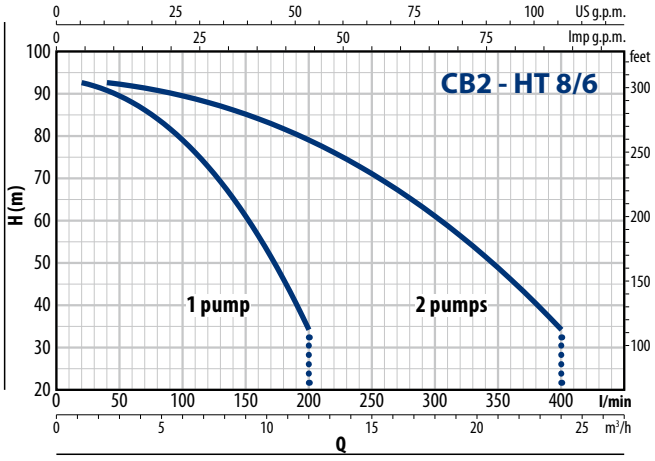
50 Hz

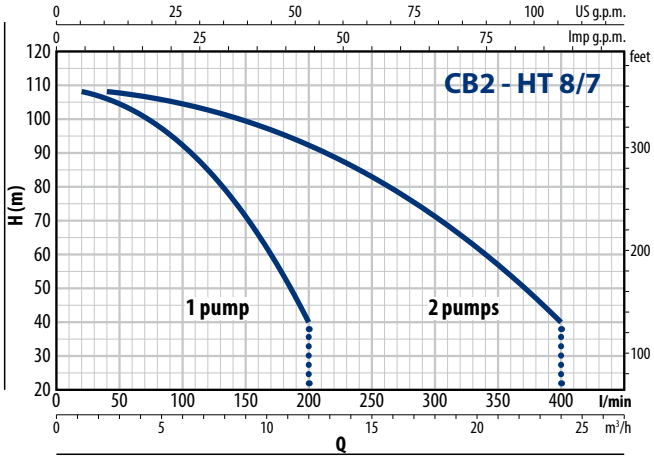


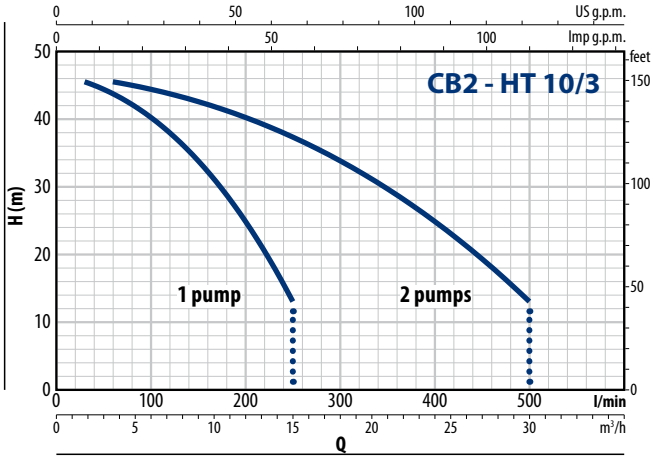


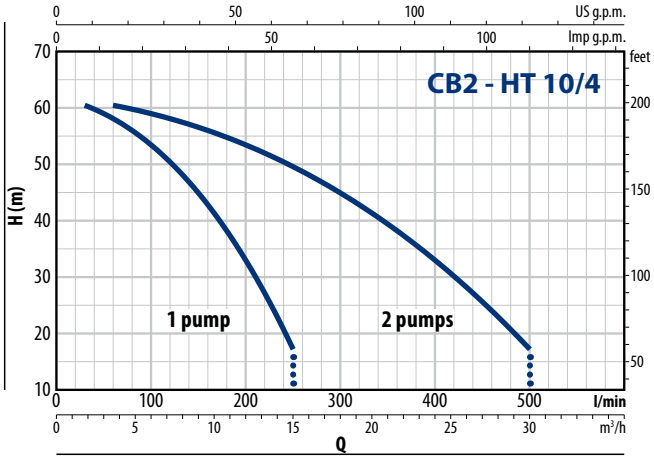








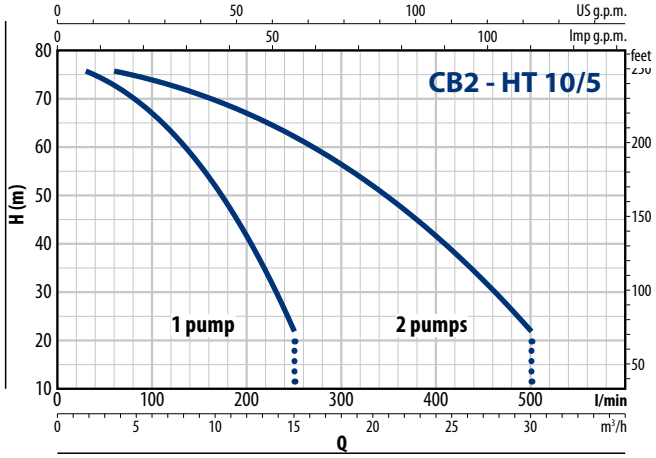


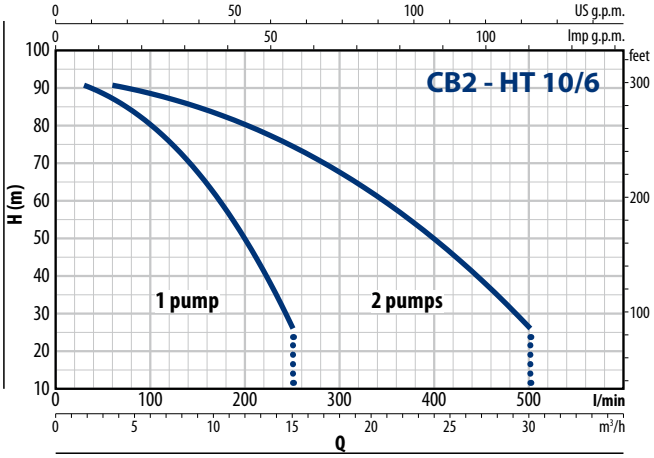


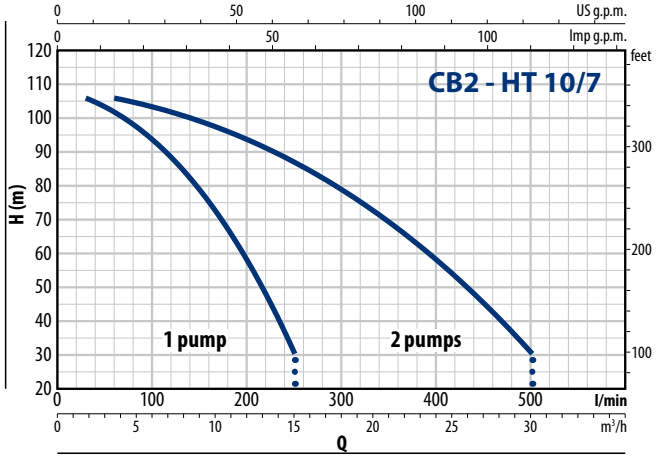
CB2 – HT

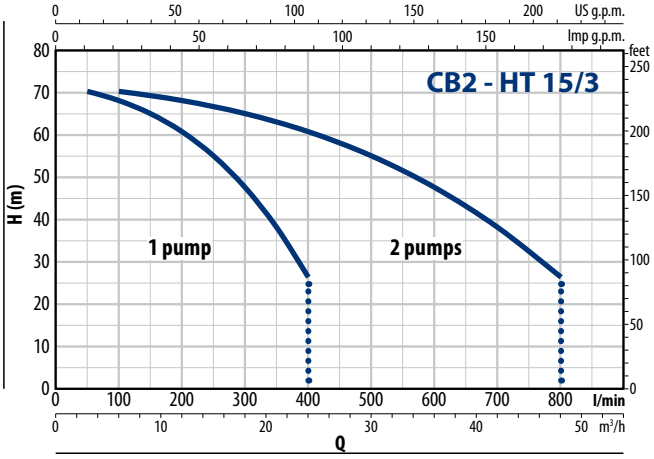
PERFORMANCE CURVES

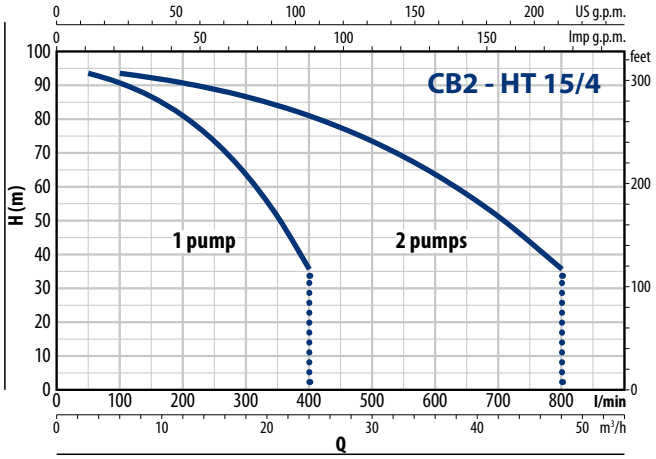
50 Hz











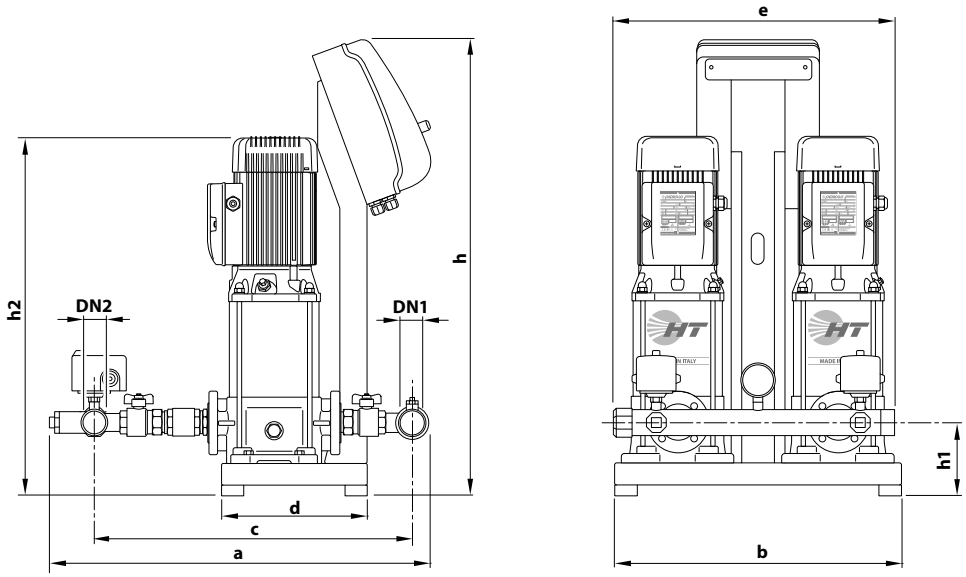
ABSORPTION

TYPE	VOLTAGE
Single-phase	**230 V**
CB2 - HTm 3/4	2 x 7.5 A
CB2 - HTm 3/5	2 x 9.0 A
CB2 - HTm 3/6	2 x 10.5 A
CB2 - HTm 5/2	2 x 6.1 A
CB2 - HTm 5/3	2 x 8.5 A
CB2 - HTm 5/4	2 x 10.3 A
CB2 - HTm 8/3	2 x 8.7 A
CB2 - HTm 8/4	2 x 10.5 A
CB2 - HTm 10/3	2 x 9.5 A
CB2 - HTm 10/4	2 x 11.0 A

TYPE	VOLTAGE
Three-phase	**400 V**
CB2 - HT 3/4	3.0 A
CB2 - HT 3/5	3.5 A
CB2 - HT 3/6	4.0 A
CB2 - HT 3/7	4.8 A

TYPE	VOLTAGE
Three-phase	**400 V**
CB2 - HT 5/2	2 x 2.8 A
CB2 - HT 5/3	2 x 3.2 A
CB2 - HT 5/4	2 x 3.8 A
CB2 - HT 5/5	2 x 4.8 A
CB2 - HT 5/6	2 x 5.2 A
CB2 - HT 8/3	2 x 3.3 A
CB2 - HT 8/4	2 x 4.0 A
CB2 - HT 8/5	2 x 4.8 A
CB2 - HT 8/6	2 x 5.4 A
CB2 - HT 8/7	2 x 7.0 A
CB2 - HT 10/3	2 x 3.4 A
CB2 - HT 10/4	2 x 4.5 A
CB2 - HT 10/5	2 x 5.2 A
CB2 - HT 10/6	2 x 6.5 A
CB2 - HT 10/7	2 x 7.2 A
CB2 - HT 15/3	2 x 8.8 A
CB2 - HT 15/4	2 x 11.2 A

DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm								kg	
Single-phase	**Three-phase**	DN1	DN2	a	b	c	d	e	h	h1	h2	1~	3~
CB2 - HTm 3/4	**CB2 - HT 3/4**	**2"**	**2"**	732	530	614	270	510	674	135	569	99	100
CB2 - HTm 3/5	**CB2 - HT 3/5**										595	100	100
CB2 - HTm 3/6	**CB2 - HT 3/6**								854		621	102	102
–	**CB2 - HT 3/7**										667	–	112
CB2 - HTm 5/2	**CB2 - HT 5/2**	**2"**	**2"**	779	530	661	270	510	674	135	517	99	100
CB2 - HTm 5/3	**CB2 - HT 5/3**										543	99	100
CB2 - HTm 5/4	**CB2 - HT 5/4**										569	103	104
–	**CB2 - HT 5/5**								854		615	–	109
–	**CB2 - HT 5/6**										641	–	111
CB2 - HTm 8/3	**CB2 - HT 8/3**	**2½"**	**2½"**	873	530	738	270	521	674	140	548	106	107
CB2 - HTm 8/4	**CB2 - HT 8/4**										574	110	111
–	**CB2 - HT 8/5**								854		620	–	119
–	**CB2 - HT 8/6**										646	–	120
–	**CB2 - HT 8/7**				700		370		674		724	–	145
CB2 - HTm 10/3	**CB2 - HT 10/3**	**2½"**	**2½"**	873	530	738	270	521	674	140	548	107	107
CB2 - HTm 10/4	**CB2 - HT 10/4**										594	111	111
–	**CB2 - HT 10/5**								854		620	–	119
–	**CB2 - HT 15/3**	**3"**	**3"**	993	700	850	370	728	674	150	693	–	175
–	**CB2 - HT 15/4**										737	–	187