

## Data sheet

## Hydraulic data

Minimum efficiency index (MEI)	≥0.4
Maximum operating pressure $P_N$	16 bar
Min. fluid temperature $T_{min}$	-20 °C
Max. fluid temperature $T_{max}$	140 °C
Min. ambient temperature $T_{min}$	0 °C
Max. ambient temperature $T_{max}$	40 °C

## Drive

Mains connection	3~380 V, 50/60 Hz
Number of poles	4
Motor efficiency class	IE4
Power consumption $P_{1\ max}$	24.10 kW
Rated power $P_2$	22 kW
Max current $I_{max}$	36.3 A
Emitted interference	EN 61800-3
Interference resistance	EN 61800-3
Insulation class	F
Protection class motor	IP55
Motor protection	PTC integrated

## Materials

Pump housing	5.1301/EN-GJL-250 KTL-coated
Impeller	Grey cast iron
Shaft	Stainless steel
Shaft seal	AQ1EGG

## Approved liquids (other liquids upon request)

Heating water (as per VDI 2035)	yes
Heat carrier oil	Special version at additional charge
Cooling and cold water circulation systems	yes

## Installation dimensions

Pipe connection on the suction side $DN_s$	DN 150
Pipe connection on the discharge side $DN_d$	DN 125