

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	2
Motor efficiency class	IE4
Power consumption $P_{1\ max}$	19.80 kW
Rated power P_2	18.5 kW
Max current I_{max}	29.9 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	Q1Q1X4GG

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 D_Ns	DN 65
Pipe connection on the discharge side D_Nd	DN 40