

Data sheet

Hydraulic data

Maximum operating pressure <i>PN</i>	10 bar
Max. delivery head <i>H</i>	10,8 m
Max. volume flow <i>Q</i>	9,6 m³/h
Min. fluid temperature for HVAC applications <i>T_{min}</i>	-20 °C
Max. fluid temperature for HVAC <i>T</i>	110 °C
Min. ambient temperature <i>T_{min}</i>	0 °C
Max. ambient temperature <i>T_{max}</i>	40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH)

Motor data

Energy efficiency index (EEI)	0,20
Mains connection	1~230 V, 50/60 Hz
Rated power <i>P₂</i>	0,14 kW
Rated current <i>I_N</i>	1,5 A
Min. speed <i>n_{min}</i>	1000 1/min
Max. speed <i>n_{max}</i>	4450 1/min
Power consumption <i>P_{1 min}</i>	5 W
Power consumption <i>P_{1 max}</i>	190 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Speed control	Frequency converter
Insulation class	F
Protection class motor	IPX4D
Motor protection	Internal protection overheating and overcurrent

Materials

Pump housing	Bronze
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the suction side <i>DN_s</i>	G 1½
Pipe connection on the pressure side <i>DN_d</i>	G 1½
Port-to-port length <i>L₀</i>	180 mm