Data sheet

Hydraulic data

Maximum operating pressure *PN*	10 bar
Max. delivery head *H*	7.4 m
Max. volume flow *Q*	8.2 m^3/h
Min. fluid temperature for HVAC applications T_{min}	0 °C
Max. fluid temperature for HVAC *T*	80 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	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 P_2	0.09 kW
Rated current I_N	1 A
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	3700 1/min
Power consumption $P_{1\,min}$	5 W
Power consumption $P_{1\,max}$	120 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 *DNs*	G 1½
Pipe connection on the discharge side *DNd*	G 1½
Port-to-port length *L0*	180 mm