Data sheet

Hydraulic data

Maximum operating pressure *PN*	10 bar
Head max H_{max}	12.0 m
Flow max Q_{max}	21.0 m^3/h
Minimum suction head at 50 °C *m*	5 m
Minimum suction head at 95 °C *m*	12 m
Minimum suction head at 110 °C	18 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.17 A
Max current I_{max}	2.4 A
Rated power P_2	450 W
Min. speed n_{min}	950 1/min
Max. speed n_{max}	4600 1/min
Power consumption $P_{1\,min}$	15 W
Power consumption $P_{1\,max}$	550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side *DNd*	DN 40
Pipe connection on the suction side *DNs*	DN 40
Port-to-port length *L0*	250 mm