

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	6,0 m
Flow max Q_{max}	45,3 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 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}	0,3 A
Max current I_{max}	3,5 A
Min. speed n_{min}	900 1/min
Max. speed n_{max}	2400 1/min
Power consumption P_{1min}	40 W
Power consumption P_{1max}	800 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	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the pressure side DN_d	DN 80
Pipe connection on the suction side DN_s	DN 80
Port-to-port length L_0	360 mm