

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 $\pm$ 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 $P_{1\min}$	40 W
Power consumption $P_{1\max}$	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