

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	12,0 m
Flow max $Q_{\max}$	67,0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	0,17
Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Rated power P_2	1109 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1290 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the pressure side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

Pump housing	Cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated