

Data sheet

Hydraulic data

Energy efficiency index (EEI)	0,17
Maximum operating pressure P_N	16 bar
Head max H_{max}	16,0 m
Flow max hr $Q_{max\ hr}$	27,5 m ³ /h
Flow max add $Q_{max\ add}$	42,0 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}	-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

Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Min current I_{min}	0,2 A
Max current I_{max}	2,8 A
Min. speed n_{min}	650 1/min
Max. speed n_{max}	3850 1/min
Power consumption $P_{1\ min}$	10 W
Power consumption $P_{1\ max}$	640 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

Materials

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

Installation dimensions

Pipe connection on the pressure side DN_d	DN 40
Pipe connection on the suction side DN_s	DN 40
Port-to-port length L_0	250 mm