Data sheet

Hydraulic data

Energy efficiency index (EEI)	0,17
Maximum operating pressure *PN*	16 bar
Head max H_{max}	16,0 m
Flow max hr $Q_{max\ hr}$	51,0 m³/h
Flow max add $Q_{max\ add}$	75,0 m³/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

Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0,3 A
Max current I_{max}	6,52 A
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3200 1/min
Power consumption $P_{1\ min}$	20 W
Power consumption $P_{1\ max}$	1480 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 *DNd*	DN 50
Pipe connection on the suction side *DNs*	DN 50
Port-to-port length *L0*	340 mm