

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Delivery head for Q_{min} $H_{Q_{min}}$	8,7 m
Max. volume flow Q_{max}	42,7 m ³ /h
Min. fluid temperature for HVAC applications T_{min}	-20 °C
Max. fluid temperature for HVAC applications T_{max}	110 °C
Min. fluid temperature for drinking water applications T_{min}	0
Max. fluid temperature for drinking water applications T_{max}	80
Max. fluid temperature for drinking water applications in short-time duty (2 hours) T_{max}	110 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH) (3.21 mmol/l (18°dH) for 20/4 + 25/6)

Motor data

Mains connection	3~400 V, 50 Hz
Rated power P_2	700 W
Rated current I_N	2,42 A
Max. speed n_{max}	2850 1/min
Power consumption P_{1min}	515 W
Power consumption P_{1max}	1050 W
Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Protection class motor	IPX4D
Insulation class	H
Threaded cable connection	2 x PG13.5
Motor protection	Internal protection overheating

Materials

Pump housing	Bronze
Impeller	PPE-GF30
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the pressure side DN_d	DN 65
Port-to-port length L_0	340 mm