

Data sheet

Hydraulic data

Minimum efficiency index (MEI)	0,4
Max. operating pressure p	10 bar
Maximum operating pressure P_N	10 bar
Min. fluid temperature $T_{\min}$	-20 °C
Max. fluid temperature $T_{\max}$	120 °C
Max. ambient temperature $T_{\max}$	40 °C
Flow max $Q_{\max}$	7,9 m³/h
Flow opt Q_{opt}	4,8 m³/h
Head max $H_{\max}$	8,3 m
Head opt H_{opt}	6,2 m
Head $H_{Q_{\min}}$	8,3 m

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	0,18 kW
Rated current I_N	0,5 A
Rated speed n	2860 1/min
Power factor $\cos \varphi$	0,72
Motor efficiency η_M 50%	66,3 Percentage
Motor efficiency η_M 75%	70 Percentage
Motor efficiency η_M 100%	67,4 Percentage
Motor winding up to 3 kW	-
Motor winding from 4 kW	-
Insulation class	F
Protection class motor	IP55
Integrated full motor protection	-

Materials

Pump housing	Cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Mechanical seal	AQ1EGG
Lantern	Cast iron

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the pressure side DN_d	G 1½
Port-to-port length L_0	180 mm