

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 $Q_{\max}$	80,0 m³/h
Flow opt Q_{opt}	58,3 m³/h
Head max $H_{\max}$	16,1 m
Head opt H_{opt}	10,5 m
Head $H_{Q_{\min}}$	16,1 m
Head H_{20}	15,2
Head H_{40}	13,3
Head H_{60}	10,2
Head H_{80}	5,3

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	2,2 kW
Rated current I_N	4,5 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0,81
Motor efficiency η_M 50%	84,5 Percentage
Motor efficiency η_M 75%	85,9 Percentage
Motor efficiency η_M 100%	85,9 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	PPE/PS-GF30
Shaft	Stainless steel
Mechanical seal	AQ1EGG
Lantern	Cast iron

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the pressure side DN_d	DN 80
Port-to-port length L_0	360 mm