

Data sheet

Hydraulic data

Minimum efficiency index (MEI)	0,4
Max. operating pressure p	10 bar
Maximum operating pressure PN	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}	63,2 m³/h
Flow opt Q_{opt}	44,3 m³/h
Head max H_{max}	27,2 m
Head opt H_{opt}	22,2 m
Head H_{Qmin}	27,2 m
Head H_{20}	26,5
Head H_{40}	23,3
Head H_{60}	17,1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	4 kW
Rated current I_N	7,4 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0,87
Motor efficiency η_M 50%	86,1 Percentage
Motor efficiency η_M 75%	88 Percentage
Motor efficiency η_M 100%	88,1 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	Cast iron
Shaft	Stainless steel
Mechanical seal	AQ1EGG
Lantern	Cast iron

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the pressure side DN_d	DN 50
Port-to-port length L_0	340 mm