

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 $Q_{\max}$	145,1 m³/h
Flow opt Q_{opt}	84,4 m³/h
Head max $H_{\max}$	5,7 m
Head opt H_{opt}	4,3 m
Head $H_{Q_{\min}}$	5,7 m
Head H_{20}	5,7
Head H_{40}	5,6
Head H_{60}	5,2
Head H_{80}	4,5
Head H_{100}	3,6
Head H_{120}	2,6

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	1,5 kW
Rated current I_N	3,05 A
Rated speed n	1450 1/min
Power factor $\cos \varphi$	0,83
Motor efficiency η_M 50%	83 Percentage
Motor efficiency η_M 75%	85 Percentage
Motor efficiency η_M 100%	85,3 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 100
Pipe connection on the pressure side DN_d	DN 100
Port-to-port length L_0	500 mm