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}	94,1 m³/h
Flow opt Q_{opt}	63,6 m³/h
Head max H_{max}	21,0 m
Head opt H_{opt}	18,8 m
Head H_{Qmin}	21,0 m
Head H_{20}	21,2
Head H_{40}	20,9
Head H_{60}	19,2
Head H_{80}	16,2

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	5,5 kW
Rated current I_N	10 A
Rated speed *n*	2900 1/min
Power factor *cos φ*	0,89
Motor efficiency η_M *50%*	86,7 Percentage
Motor efficiency η_M *75%*	88,9 Percentage
Motor efficiency η_M *100%*	89,2 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 *DNs*	DN 65
Pipe connection on the pressure side *DNd*	DN 65
Port-to-port length *L0*	340 mm