Data sheet

Hydraulic data

Maximum operating pressure *PN*	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	1 m
Min. fluid temperature T_{min}	3 °C
Max. fluid temperature T_{max}	35 °C
Min. ambient temperature T_{min}	3 °C
Max. ambient temperature T_{max}	35 °C

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor *cos φ*	0.93
Rated power P_2	0.55 kW
Power consumption $P_{1\,max}$	750 W
Rated current I_N	3.6 A
Starting current *I*	9.8 A
Activation type	Direct online (DOL)
Rated speed *n*	2900 1/min
Max. switching frequency *t*	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Mains plug	Schuko
Type of connection cable	Non-detachable

Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

Installation dimensions

Pipe connection on the pressure side *DNd*	G 1¼