

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	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 $\cos \varphi$	0.92
Rated power $P_2$	0.25 kW
Power consumption $P_1 \text{ max}$	320 W
Rated current $I_N$	1.5 A
Starting current $I$	2.4 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 mm <sup>2</sup>
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
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### Pump curves

