

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	10 bar
Head max $H_{max}$	0.5 m
Flow max $Q_{max}$	1.5 m <sup>3</sup> /h
Minimum suction head at 50 °C $m$	0.5 m
Minimum suction head at 95 °C $m$	3 m
Minimum suction head at 110 °C	10 m
Min. fluid temperature $T_{min}$	2 °C
Max. fluid temperature $T_{max}$	110 °C
Min. ambient temperature $T_{min}$	10 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Energy efficiency index (EEI)	≤0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Rated power $P_2$	32 W
Min. speed $n_{min}$	800 1/min
Max. speed $n_{max}$	4200 1/min
Power consumption $P_{1 min}$	3 W
Power consumption $P_{1 max}$	45 W
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Electromagnetic compatibility	EN 61800-3
Threaded cable connection	1 x PG11
Insulation class	F
Protection class	IPX4D

### Materials

Pump housing	Grey cast iron
Impeller	PP-GF40
Shaft	Stainless steel
Bearing	Carbon, metal-impregnated

### Installation dimensions

Pipe connection on the discharge side $DN_d$	G 2
Pipe connection on the suction side $DN_s$	G 2
Port-to-port length $L_0$	180 mm

## Equipment/function

### Function

Control mode	Δp-v for variable differential pressure
	Δp-c for constant differential pressure
Special features of the series	Night set back

### Equipment

Display	LCD display
Display information	Standard Version: LC Display for showing head, actual and cumulated current
Pump control	Electronic-controlled pump

## Pump curves

