

## Data sheet

### Hydraulic data

Energy efficiency index (EEI)	0,17
Maximum operating pressure $P_N$	16 bar
Head max $H_{max}$	12,0 m
Flow max hr $Q_{max\ hr}$	69,0 m <sup>3</sup> /h
Flow max add $Q_{max\ add}$	104,0 m <sup>3</sup> /h
Minimum suction head at 50 °C $m$	7 m
Minimum suction head at 95 °C $m$	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature $T_{min}$	-10 °C
Max. fluid temperature $T_{max}$	110 °C
Min. ambient temperature $T_{min}$	-10 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{min}$	0,3 A
Max current $I_{max}$	6,13 A
Min. speed $n_{min}$	500 1/min
Max. speed $n_{max}$	3050 1/min
Power consumption $P_{1\ min}$	20 W
Power consumption $P_{1\ max}$	1410 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

### Materials

Pump housing	Cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

### Installation dimensions

Pipe connection on the pressure side $DNd$	DN 80
Pipe connection on the suction side $DNs$	DN 80
Port-to-port length $L0$	360 mm