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## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	10 bar
Min. fluid temperature $T_{min}$	2 °C
Max. fluid temperature $T_{max}$	65 °C
Min. ambient temperature $T_{min}$	0 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V $\pm$ 10%, 50 Hz
Power consumption $P_{1 max}$	89 W
Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Electromagnetic compatibility	EN 61800-3
Threaded cable connection	1 x PG11
Insulation class	F
Protection class	IP42

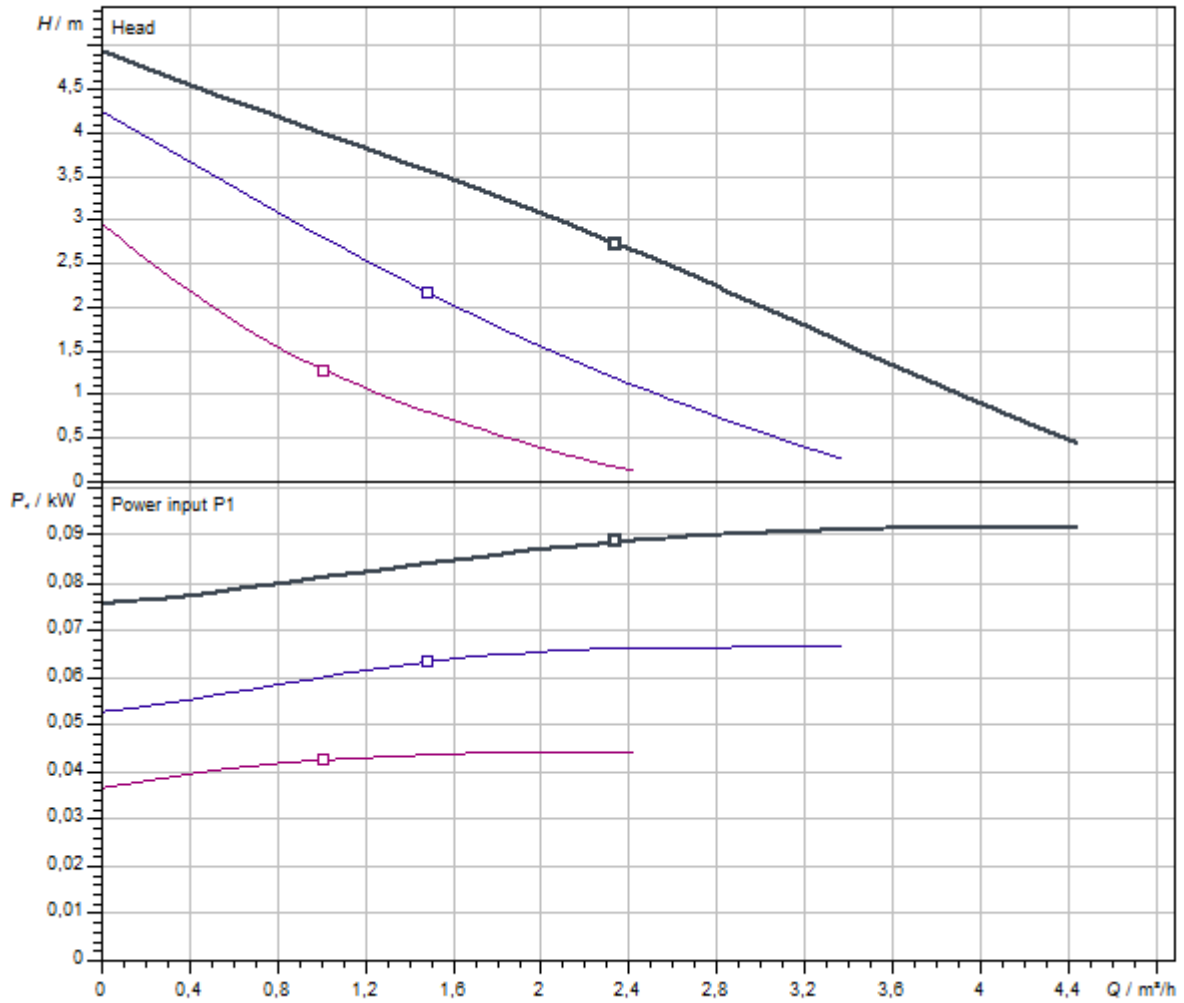
### Materials

Pump housing	Bronze
Impeller	PPE-GF30
Shaft	Oxide ceramic
Bearing	Carbon, synthetic resin-impregnated

### Installation dimensions

Pipe connection on the discharge side $DN_d$	G 1½
Pipe connection on the suction side $DN_s$	G 1½
Port-to-port length $L_0$	130 mm

Pump curves



Fluid media	Water 100 %
Fluid temperature <i>T</i>	20,00 °C
speed at duty point <i>n hydr. @ OP</i>	2.900 1/min

## Tender text

This circulation pump is suitable only for drinking water. Domestic hot water circulation pump, glandless pump with manual three-stage speed control for pipe installation.

Blocking current-proof motor Pump housing made of bronze, impeller made of fibreglass-reinforced plastic, ceramic shaft with resin-impregnated carbon friction bearings.

## Operating Data

Max. fluid temperature $T_{\max}$	65 °C
Min. fluid temperature $T_{\min}$	2 °C
Min. ambient temperature $T_{\min}$	0 °C
Max. ambient temperature $T_{\max}$	40 °C
Maximum operating pressure $P_N$	10 bar
Max. permitted total water hardness	3.21 mmol/l (18°dH)

## Motor data

Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption $P_{1 \max}$	89 W
Rated current $I_N$	0.39 A
Protection class motor	IP42
Threaded cable connection	1 x PG11

## Materials

Pump housing	Bronze
Impeller	PPE-GF30
Shaft	Oxide ceramic
Bearing	Carbon, synthetic resin-impregnated

## Installation dimensions

Pipe connection on the suction side $DN_s$	G 1½
Pipe connection on the discharge side $DN_d$	G 1½
Port-to-port length $L_0$	130 mm

## Ordering information

Brand	Wilo
Product description	SB 30
Net weight, approx. $m$	2.5 kg
Article number	<b>4035479</b> 