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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 $P_{1 max}$	48 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

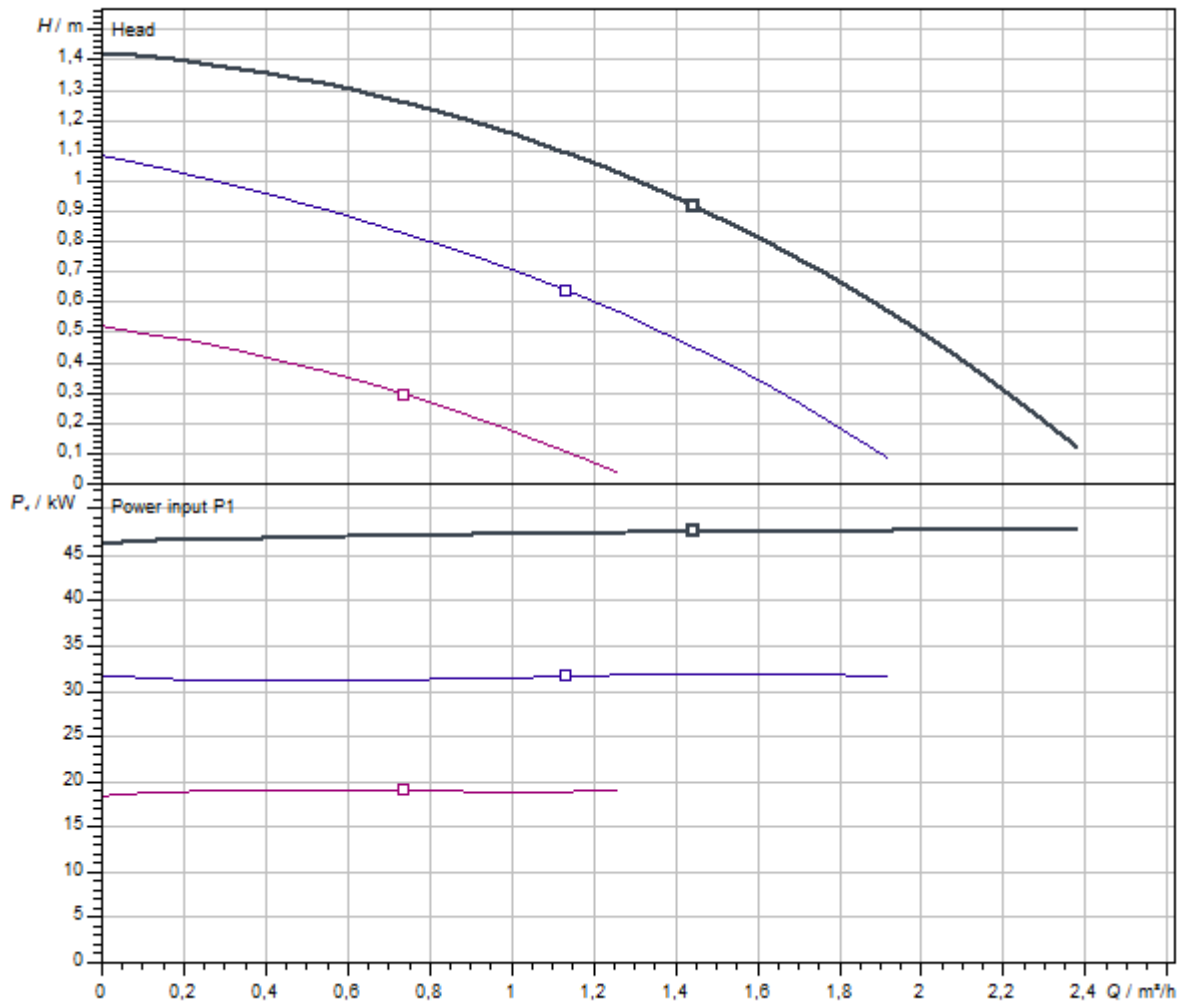
Materials

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 1
Pipe connection on the suction side DN_s	G 1
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 $P_{1 \max}$	48 W
Rated current I_N	0.22 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 1
Pipe connection on the discharge side DN_d	G 1
Port-to-port length L_0	130 mm

Ordering information

Brand	Wilo
Product description	SB 5
Net weight, approx. m	2.2 kg
Article number	4035477 