



Similar to figure

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Delivery head for Q_{min} $H_{Q_{min}}$	9.3 m
Max. volume flow Q_{max}	9.5 m ³ /h
Min. fluid temperature for HVAC applications T_{min}	0 °C
Max. fluid temperature for HVAC applications T_{max}	80 °C
Min. fluid temperature for drinking water applications T_{min}	0
Max. fluid temperature for drinking water applications T_{max}	80
Max. fluid temperature for drinking water applications in short-time duty (2 hours) T_{max}	110 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C
Max. permitted total water hardness	3.57 mmol/l (20°dH) (3.21 mmol/l (18°dH) for 20/4 + 25/6)

Motor data

Mains connection	3~400 V, 50 Hz
Rated power P_2	180 W
Rated current I_N	0.77 A
Max. speed n_{max}	2700 1/min
Power consumption $P_{1 min}$	100 W
Power consumption $P_{1 max}$	310 W
Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Protection class motor	IPX4D
Insulation class	H
Threaded cable connection	2 x PG13.5
Motor protection	External protection WSK

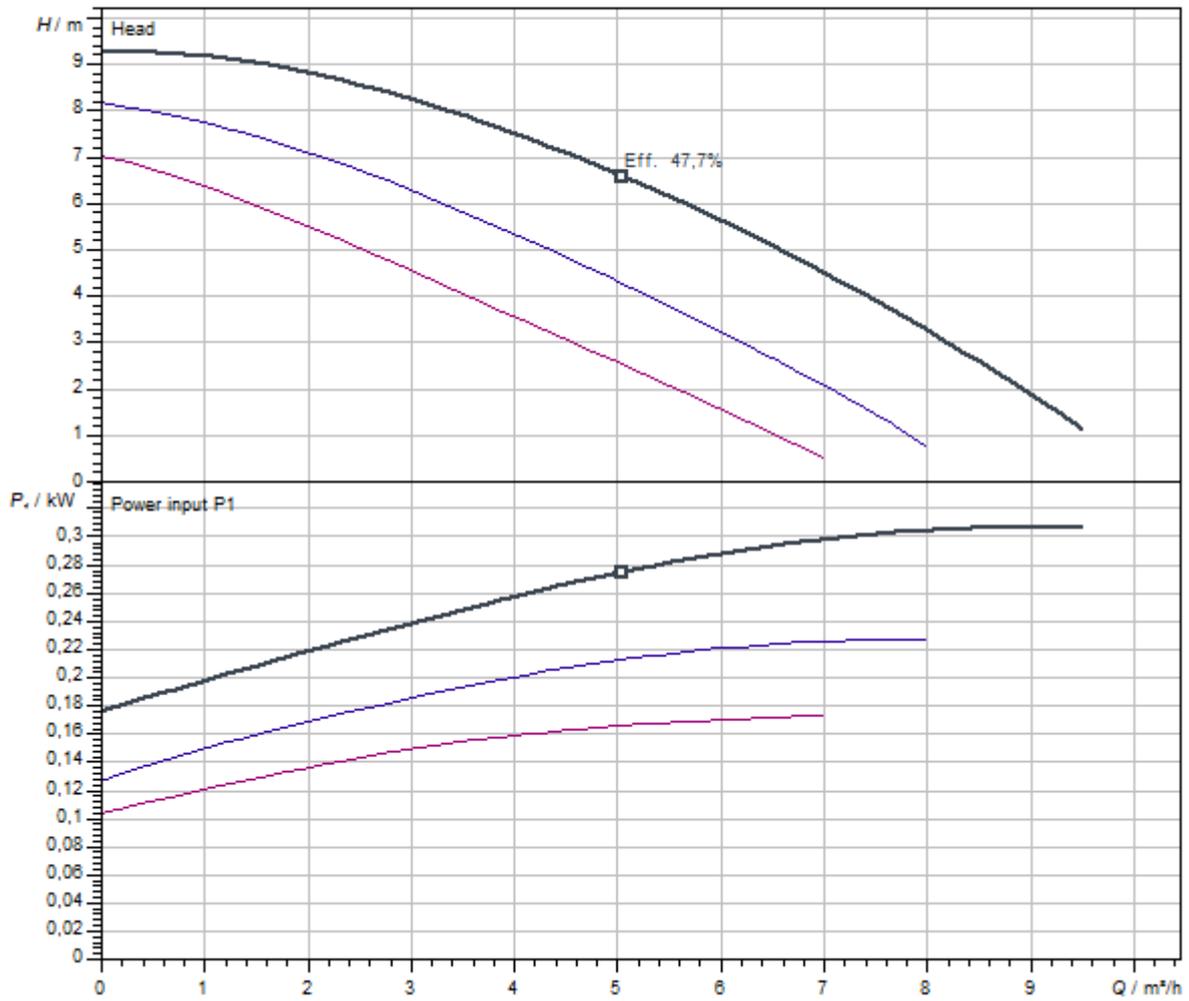
Materials

Pump housing	Bronze
Impeller	PPE-GF30
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the suction side D_Ns	G 2
Pipe connection on the discharge side D_Nd	G 2
Port-to-port length L_0	180 mm

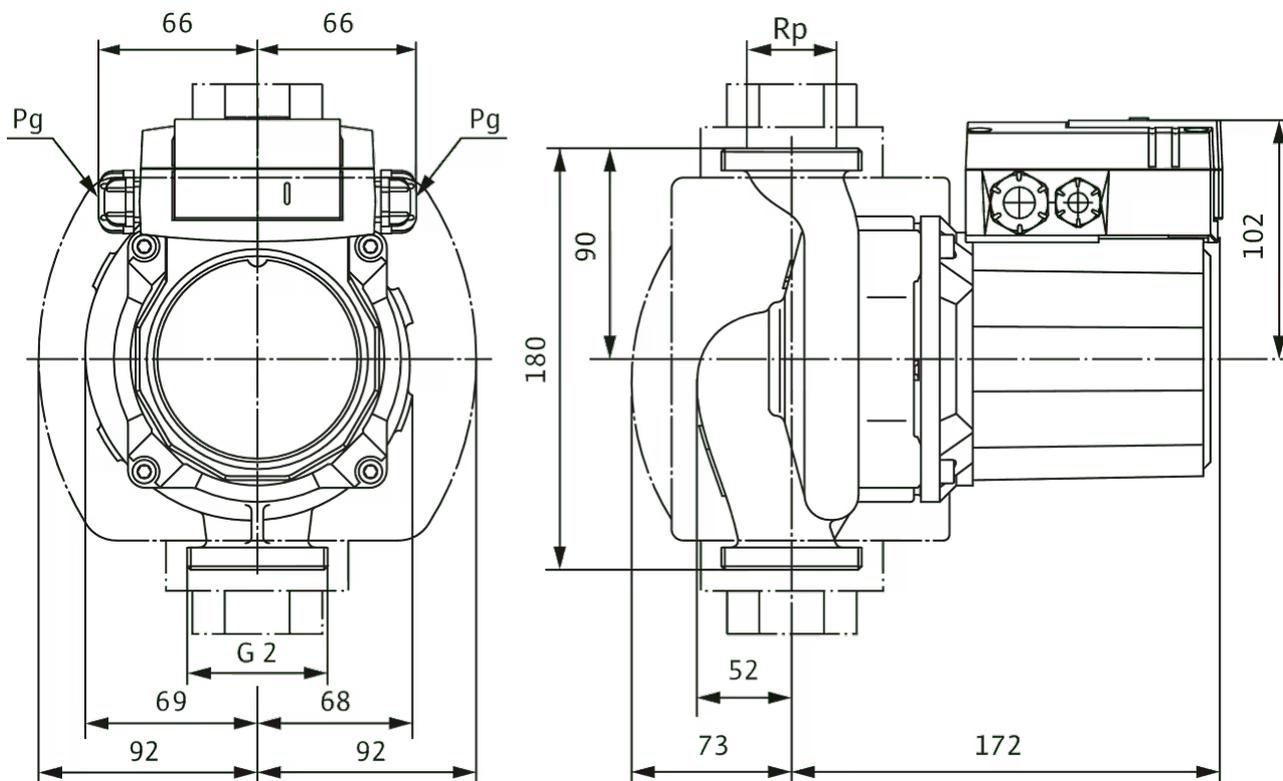
Pump curves



Fluid media	Water 100 %
Fluid temperature T	20,00 °C
speed at duty point $n_{hydr. @ OP}$	2.700 1/min

Dimensions and dimensions drawings

TOP-S



Ordering information

Product data

Brand	Wilo
Product description	TOP-Z 30/10 (3~400 V, PN 10, RG)
Article number	2175512
EAN number	4048482742663
Colour	green/bronze
Minimum order quantity	1
Date of sales availability	2017-03-01

Dimension, weight

Length with packaging	270 mm
Length <i>L</i>	180 mm
Height with packaging	215 mm
Height <i>H</i>	245 mm
Width with packaging	178 mm
Width <i>W</i>	184 mm
Gross weight, approx. <i>m</i>	7.8 kg
Net weight, approx. <i>m</i>	6.7 kg

Packaging

Packaging type	Cardboard box
Packaging property	Transport packaging
Pieces per pallet	96
Number per layer	16

Tender text

This circulator is suitable only for drinking water.

Can be used for domestic hot water circulation systems in the industry and building services.

Glandless circulator with screwed or flange connection, preselectable speed stages for power adjustment.

Equipment and function

- > Manual power adjustment with 3 speed stages
- > Pumps with 1~ motor:
 - > P2 up to 90 W: internal protection against unacceptably high winding temperatures
 - > P2 ≥ 180 W: Full motor protection with thermal winding contacts in conjunction with tripping unit (optional: SK 602N/SK 622N)
- > Pumps with 3~ motor:
 - > P2 up to 90 W: internal protection against unacceptably high winding temperatures
 - > P2 ≥ 180 W: Full motor protection with thermal winding contacts in conjunction with tripping unit (optional: SK 602N/SK 622N)
- > Mains connection 3~, 230 V with optional switching plug
- > Pump housing in red brass or grey cast iron (stainless steel depending on type)
- > PN 6/PN 10 combination flange (for DN 40 to DN 65)
- > Thermal insulation shells

Operating Data

Max. fluid temperature T_{max}	80 °C
Min. fluid temperature T_{min}	0 °C
Min. ambient temperature T_{min}	0 °C
Max. ambient temperature T_{max}	40 °C
Temperature range at max. ambient temperature +40 °C T	-20...+110
Maximum operating pressure PN	10 bar
Max. permitted total water hardness	3.57 mmol/l (20°dH) (3.21 mmol/l (18°dH) for 20/4 + 25/6)

Motor data

Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Mains connection	3~400 V, 50 Hz
Power consumption P_{1max}	310 W
Max. speed n_{max}	2700 1/min
Rated current I_N	0.77 A
Protection class motor	IPX4D
Threaded cable connection	2 x PG13.5 2 x PG9

Materials

Pump housing	Bronze
Impeller	PPE-GF30
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the suction side <i>DN_s</i>	G 2
Pipe connection on the discharge side <i>DN_d</i>	G 2
Port-to-port length <i>L₀</i>	180 mm

Ordering information

Brand	Wilo
Product description	TOP-Z 30/10 (3~400 V, PN 10, RG)
Net weight, approx. <i>m</i>	6.7 kg
Article number	2175512 