



Similar to figure

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	130 °C

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

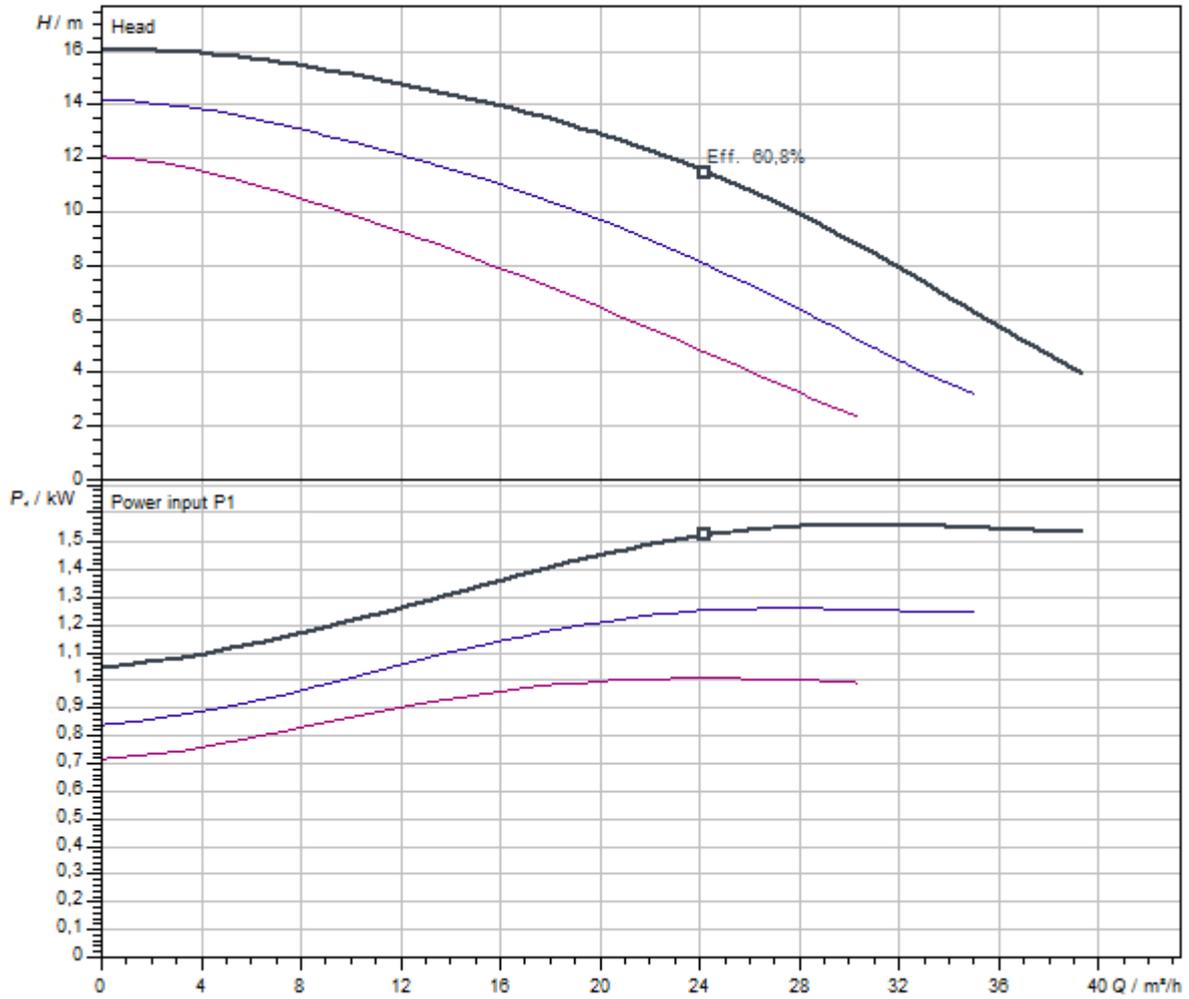
Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	3.13 A
Max. speed n_{max}	2800 1/min
Power consumption $P_1(Q=max.)$ of selected impeller * number of pumps P_1	1570 W
Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Protection class motor	IPX4D

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Port-to-port length L_0	340 mm

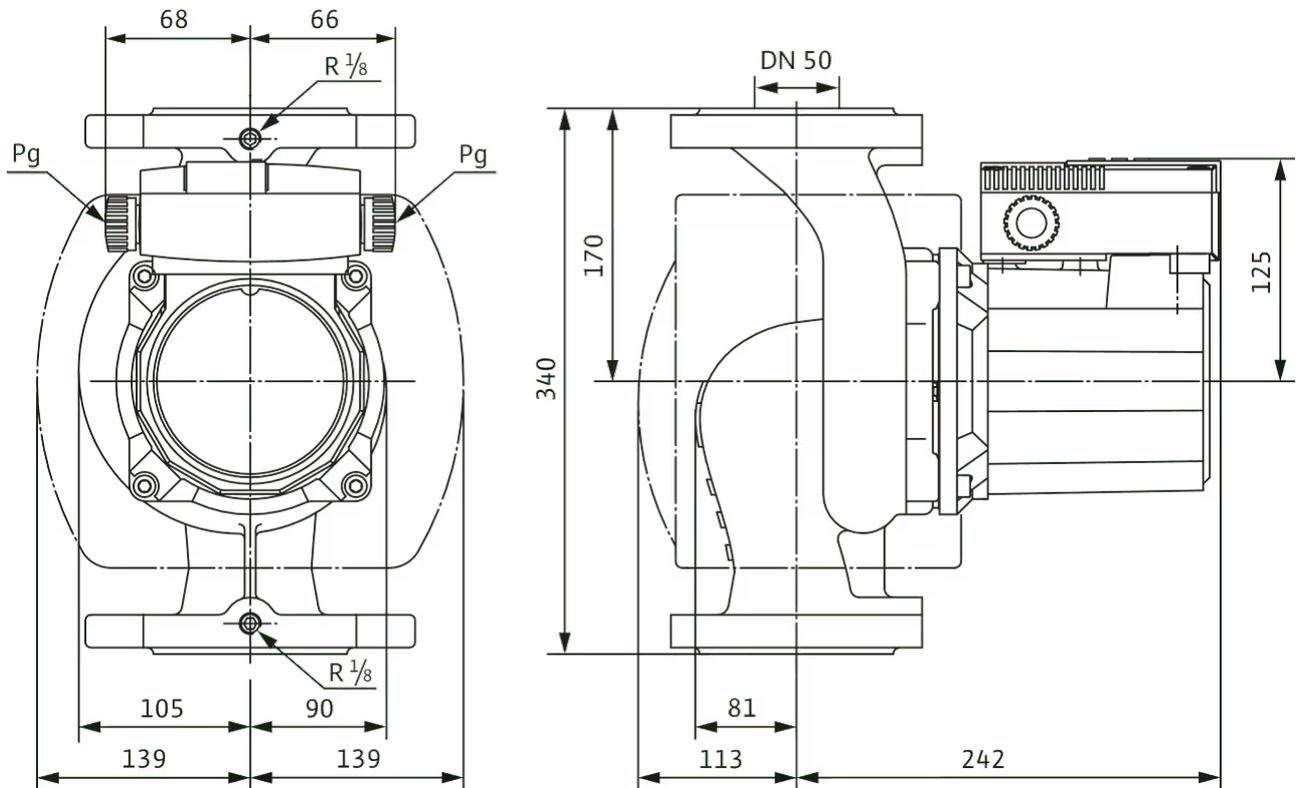
Pump curves



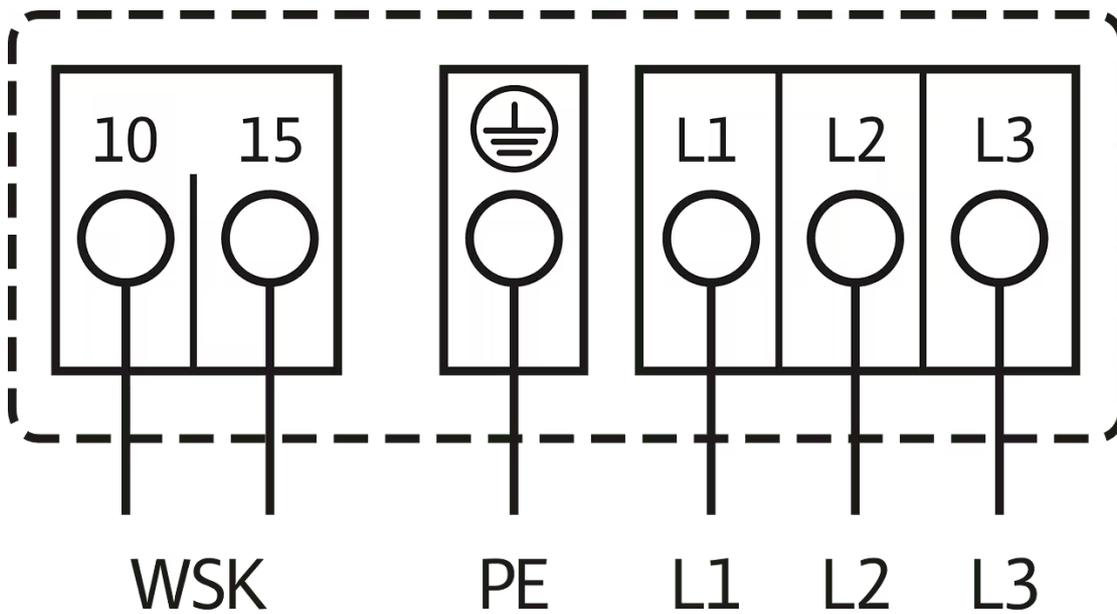
Fluid media	Water 100 %
Fluid temperature T	20,00 °C
speed at duty point $n_{hydr. @ OP}$	2.787 1/min

Dimensions and dimensions drawings

TOP-S



Wiring diagram



Mains connection, 3~400 V, 50 Hz

3~230 V, 50 Hz (optional with switching plug 3~230 V)

WSK = thermal winding contact

Full motor protection at all speed stages with optional tripping unit

SK 602N/SK 622N or other switchgear/control devices with WSK connection option

Triggering: External tripping at switchgear/control device

Reset: Automatic fault acknowledgement after cooling off of the motor

Automatic

Tender text

Can be used for hot-water heating systems of all kinds, industrial circulation systems, air-conditioning systems and closed cooling circuits.

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
- > Cathaphoretic-coated pump housing for optimal corrosion protection
- > PN 6/PN 10 combination flange (for DN 40 to DN 65)
- > Thermal insulation shell for heating applications

Operating Data

Fluid temperature T	-20 °C
Ambient temperature T	-20 °C
Maximum operating pressure PN	10 bar

Motor data

Interference emission	EN 61000-6-3
Interference immunity	EN 61000-6-2
Mains connection	3~400 V, 50 Hz
Power consumption $P_{1\max}$	1570 W
Max. speed n_{\max}	2800 1/min
Rated current I_N	3.13 A
Protection class motor	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	340 mm

Ordering information

Brand	Wilo
Product description	TOP-S 50/15 (3~400/230 V, PN 6/10)
Net weight, approx. m	24.9 kg
Article number	2165533 