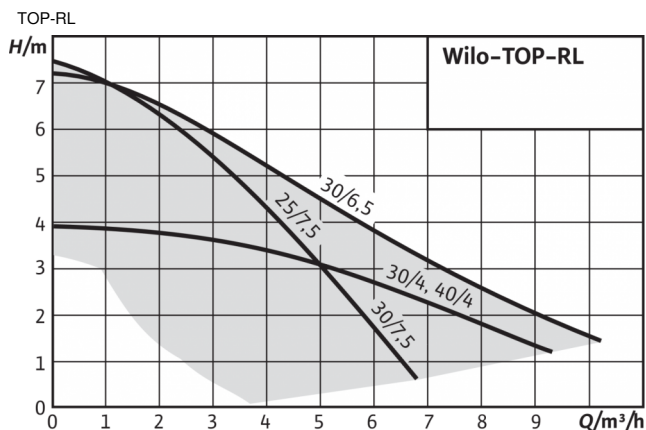


Series description: Wilo-TOP-RL

Wilo-TOP-RL



Similar to figure

Construction

Glandless circulation pump with screwed connection or flange connection

Application

Hot-water heating systems of all kinds, air-conditioning systems, closed cooling circuits, industrial circulation systems

Equipment/function

Operating modes

- Speed-stage switching

Manual functions

- Setting of speed stages (3 speed stages)

Automatic functions

- Full motor protection with integrated trip electronics (optional for all types with Wilo-Protect-Module C)

External control functions

- "Overriding Off" control input (optional for all types with Wilo-Protect-Module C)

Signal and display functions

- Individual/collective fault signal (potential-free NC contact) (optional for all types with Wilo-Protect-Module C)
- Collective fault signal (potential-free NC contact) (optional for all types with Wilo-Protect-Module C)
- Individual run signal (potential-free NO contact) (optional for all types with Wilo-Protect-Module C)
- Fault signal light (optional for all types with Wilo-Protect-Module C)

Dual pump management (twin-head pump or 2 x single pump)

- Main/standby mode (automatic fault-actuated switchover / time-dependent pump cycling) (optional for all types with Wilo-Protect-Module C)

Equipment

- With flange pump: Flange version
 - Standard version for pump DN 40: Combination flange PN 6/10 (flange PN 16 acc. to EN 1092-2) for counter flange PN 6 and PN 16,

Scope of delivery

- Pump
- Seals for threaded connection
- Including washers for flange bolts (for nominal connection diameter DN 40)
- Installation and operating instructions

Your advantages

- Manual power adjustment with 3 speed stages
- Pump housing with cathaphoretic (KTL) coating protects against corrosion due to condensation formation

Series description: Wilo-TOP-RL

Type key

Example: TOP-RL	Wilo-TOP-RL 40/4 Standard pump (screw-end pump or flange-end pump)
40/	Nominal connection diameter
4	Nominal delivery head [m] at Q = 0 m ³ /h

Technical data

- Permitted temperature range -20 °C to +130 °C, for short periods (2 h) to +140 °C
- Mains connection 1~230 V, 50 Hz
- Protection class IP X4D
- Screwed connection or flange connection (depending on type) Rp 1. Rp 1¼ or DN 40
- Max. operating pressure, standard version: 10 bar or 6/10 bar

Materials

- Pump housing: Grey cast iron
- Impeller: Plastic
- Shaft: stainless steel
- Bearing: Carbon, metal impregnated

Product list: Wilo-TOP-RL

Product description	Mains connection	Pump connection	Nominal flange diameter	Gross weight, approx. <i>m</i>	Article number
TOP-RL 25/7.5	1~230 V, 50 Hz	G 1½	G 1½	4.3 kg	2045633
TOP-RL 30/4	1~230 V, 50 Hz	G 2	G 2	4.8 kg	2045634
TOP-RL 30/6.5	1~230 V, 50 Hz	G 2	G 2	5.0 kg	2045635
TOP-RL 30/7.5	1~230 V, 50 Hz	G 2	G 2	4.4 kg	2045636
TOP-RL 40/4	1~230 V, 50 Hz	DN 40	DN 40	8.8 kg	2057044

Data sheet: TOP-RL 25/7.5

Materials

Shaft	1.4034, X46Cr13
Pump housing	5.1300, EN-GJL-200
Bearing	Carbon, metal impregnated

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption P ₁ (Q=max.) of selected impeller * number of pumps	205 W
P ₁	
Max. speed n_{max}	2420 rpm
Protection class motor	IPX4D

Information for order placements

Net weight, approx. <i>m</i>	4 kg
Brand	Wilo
Product description	TOP-RL 25/7.5
Article number	2045633

Operating data

Max. fluid temperature <i>T</i>	130 °C
Min. fluid temperature <i>T</i>	-20 °C
Maximum operating pressure <i>p</i>	10 bar

Installation dimensions

Pipe connection on the suction side	G 1½
RPS	
Port-to-port length <i>l</i> ₀	180 mm

Data sheet: TOP-RL 30/4

Materials

Shaft	1.4034, X46Cr13
Pump housing	5.1300, EN-GJL-200
Bearing	Carbon, metal impregnated

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption P ₁ (Q=max.) of selected impeller * number of pumps	180 W
P ₁	
Max. speed n_{max}	2660 rpm
Protection class motor	IPX4D

Information for order placements

Net weight, approx. <i>m</i>	4 kg
Brand	Wilo
Product description	TOP-RL 30/4
Article number	2045634

Operating data

Max. fluid temperature <i>T</i>	130 °C
Min. fluid temperature <i>T</i>	-20 °C
Maximum operating pressure <i>p</i>	10 bar

Installation dimensions

Pipe connection on the suction side	G 2
RPS	
Port-to-port length <i>l</i> ₀	180 mm

Data sheet: TOP-RL 30/6.5

Materials

Shaft	1.4034, X46Cr13
Pump housing	5.1300, EN-GJL-200
Bearing	Carbon, metal impregnated

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption P ₁ (Q=max.) of selected impeller * number of pumps	245 W
P ₁	
Max. speed n_{max}	2160 rpm
Protection class motor	IPX4D

Information for order placements

Net weight, approx. <i>m</i>	5 kg
Brand	Wilo
Product description	TOP-RL 30/6.5
Article number	2045635

Operating data

Max. fluid temperature <i>T</i>	130 °C
Min. fluid temperature <i>T</i>	-20 °C
Maximum operating pressure <i>p</i>	10 bar

Installation dimensions

Pipe connection on the suction side	G 2
RPS	
Port-to-port length <i>l₀</i>	180 mm

Data sheet: TOP-RL 30/7.5

Materials

Shaft	1.4034, X46Cr13
Pump housing	5.1300, EN-GJL-200
Bearing	Carbon, metal impregnated

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption P_1 (Q=max.) of selected impeller * number of pumps	205 W
P_1	
Max. speed n_{max}	2420 rpm
Protection class motor	IPX4D

Information for order placements

Net weight, approx. m	4 kg
Brand	Wilo
Product description	TOP-RL 30/7.5
Article number	2045636

Operating data

Max. fluid temperature T	130 °C
Min. fluid temperature T	-20 °C
Maximum operating pressure p	10 bar

Installation dimensions

Pipe connection on the suction side	G 2
RPS	
Port-to-port length l_0	180 mm

Data sheet: TOP-RL 40/4

Materials

Shaft	1.4034, X46Cr13
Pump housing	5.1300, EN-GJL-200
Bearing	Carbon, metal impregnated

Motor data

Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Mains connection	1~230 V, 50 Hz
Power consumption P ₁ (Q=max.) of selected impeller * number of pumps	180 W
Max. speed n_{max}	2660 rpm
Protection class motor	IPX4D

Information for order placements

Net weight, approx. <i>m</i>	8 kg
Brand	Wilo
Product description	TOP-RL 40/4
Article number	2057044

Operating data

Max. fluid temperature <i>T</i>	130 °C
Min. fluid temperature <i>T</i>	-20 °C
Maximum operating pressure <i>p</i>	10 bar

Installation dimensions

Pipe connection on the suction side	DN 40
<i>RPS</i>	
Port-to-port length <i>l₀</i>	250 mm