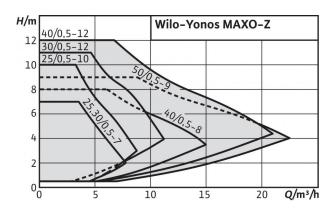


Series description: Wilo-Yonos MAXO-Z





Similar to figure



Design

Glandless circulator with threaded connection or flange connection, EC motor with automatic power adjustment.

Wilo-Yonos MAXO-Z 30/0.5-12

Application

Domestic hot water circulation systems in industry and building services.

Type key Example:

Yonos MAXO

High-efficiency pump (screw-end or flange-end pump), electronically controlled

Z

Single pump for domestic hot water

circulation
30/ Nominal connection diameter
0.5-12 Nominal delivery head range [m]

Special features/product advantages

- Energy-saving due to high-efficiency hydraulics and synchronous motor
- Complete transparency of the delivery head, speed stage and possible faults thanks to its LED display
- Simple adjustment over three speed stages when replacing an uncontrolled standard pump
- Easier electrical connection thanks to the Wilo plug
- System availability ensured via collective fault signal
- Compact design and proven user-friendliness

Equipment/function

Operating modes

- Δp-c for constant differential pressure
- \bullet $\Delta p\text{-v}$ for variable differential pressure
- n = constant (3 speed stages)

Manual functions

- Setting the operating mode
- Setting of pump output (delivery head)
- Setting the speed stages

Automatic functions

- Infinitely variable power adjustment according to the operating mode
- Deblocking function
- Soft start
- Integrated full motor protection

Signal and display functions

- Collective fault signal (potential-free NC contact)
- · Fault signal light
- LED segment display for displaying the delivery head and error codes
- Display of the configured speed stage (C1, C2 or C3)

Equipment

- Wrench attachment point on pump body (for threaded pipe union pumps)
- Quick electrical connection with Wilo plug. For the connection of the mains and SSM lines, with integrated strain relief
- For flange-end pumps: Flange versions
 - Standard version for DN 40 to DN 65 pumps: Combination flange PN 6/10 for counter flanges PN 6 and PN 10

Materials

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Series description: Wilo-Yonos MAXO-Z

Materials

- Pump housing made of red brass
- Shaft: Stainless steel
- Bearing: Carbon, synthetic resin-impregnated
 Impeller: Plastic

Scope of delivery

- Pump
- Including gaskets for threaded connection
- Incl. washers for flange screws (for nominal connection diameters
- Including installation and operating instructions

Accessories

- Screwed connections for threaded connection
- Thermal insulation

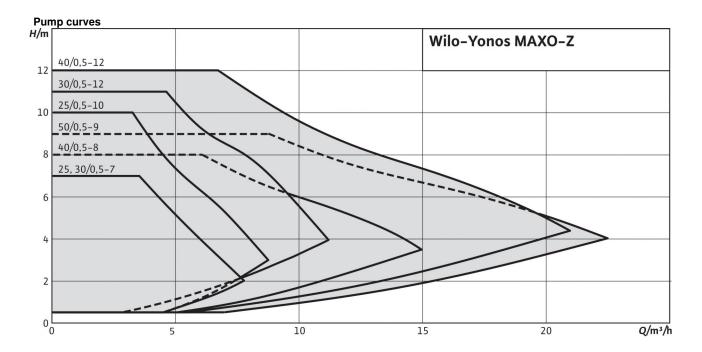
Special versions

Observe local information and instructions for the drinking water directive!

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Duty chart: Wilo-Yonos MAXO-Z

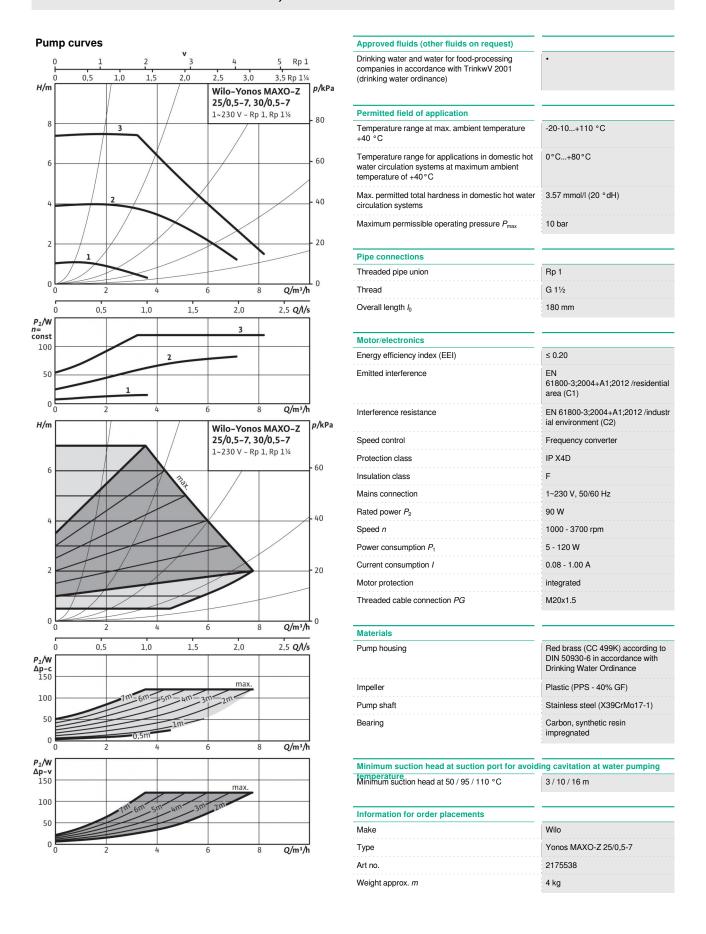




Product list: Wilo-Yonos MAXO-Z

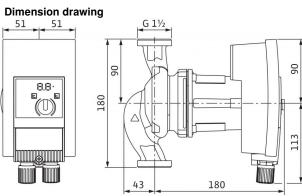
Туре	Max. volume	Max. delivery	Pipe connection	Nominal flange	Rated pressure	Overall length I_0	Mains	Gross weight n	n Art no.
	flow Q _{max}	head $H_{ m max}$		diameter	PN		connection		
Yonos MAXO-Z	8 m3/h	7 m	Rp 1	-	10 bar	180 mm	1~230 V, 50/60	5.0 kg	2175538
25/0,5-7							Hz		
Yonos MAXO-Z	10 m3/h	11 m	Rp 1	-	10 bar	180 mm	1~230 V, 50/60	5.0 kg	2175539
25/0,5-10							Hz		
Yonos MAXO-Z	8 m3/h	7 m	Rp 11/4	-	10 bar	180 mm	1~230 V, 50/60	5.3 kg	2175540
30/0,5-7							Hz		
Yonos MAXO-Z	12 m3/h	12 m	Rp 11/4	-	10 bar	180 mm	1~230 V, 50/60	5.3 kg	2175541
30/0,5-12							Hz		
Yonos MAXO-Z	18 m3/h	8 m	-	DN 40	6/10 bar	220 mm	1~230 V, 50/60	13.0 kg	2175542
40/0,5-8							Hz		
Yonos MAXO-Z	25 m3/h	13 m	-	DN 40	6/10 bar	250 mm	1~230 V, 50/60	18.4 kg	2175543
40/0,5-12							Hz		
Yonos MAXO-Z	29 m3/h	10 m	-	DN 50	6/10 bar	280 mm	1~230 V, 50/60	18.9 kg	2175544
50/0,5-9							Hz		



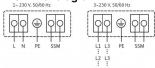


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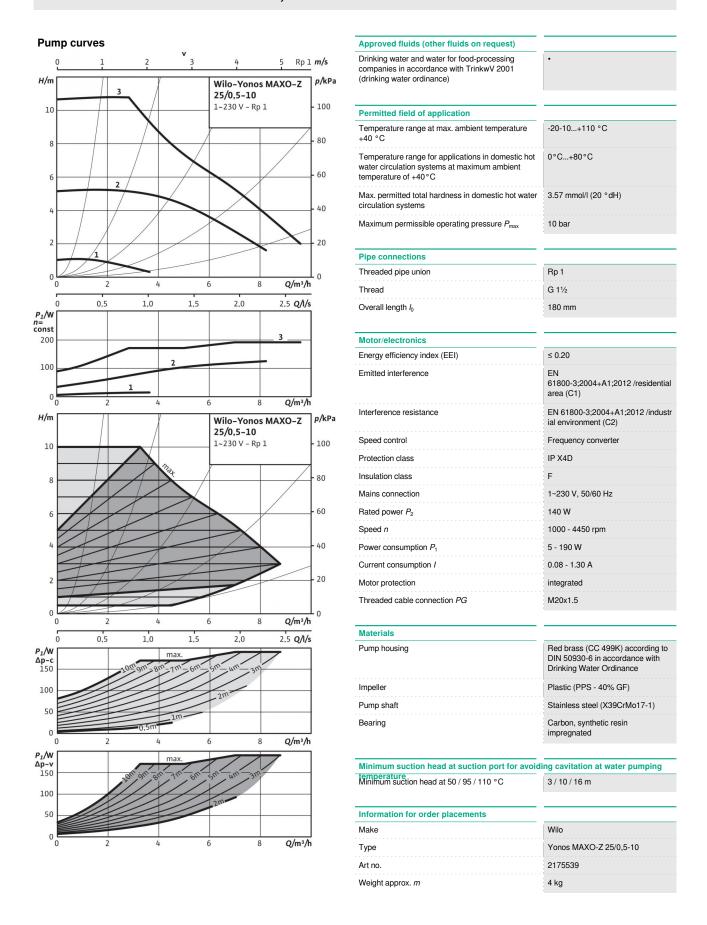


Terminal diagram



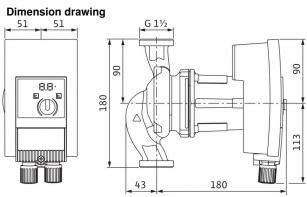
SSM: Collective fault signal



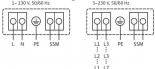


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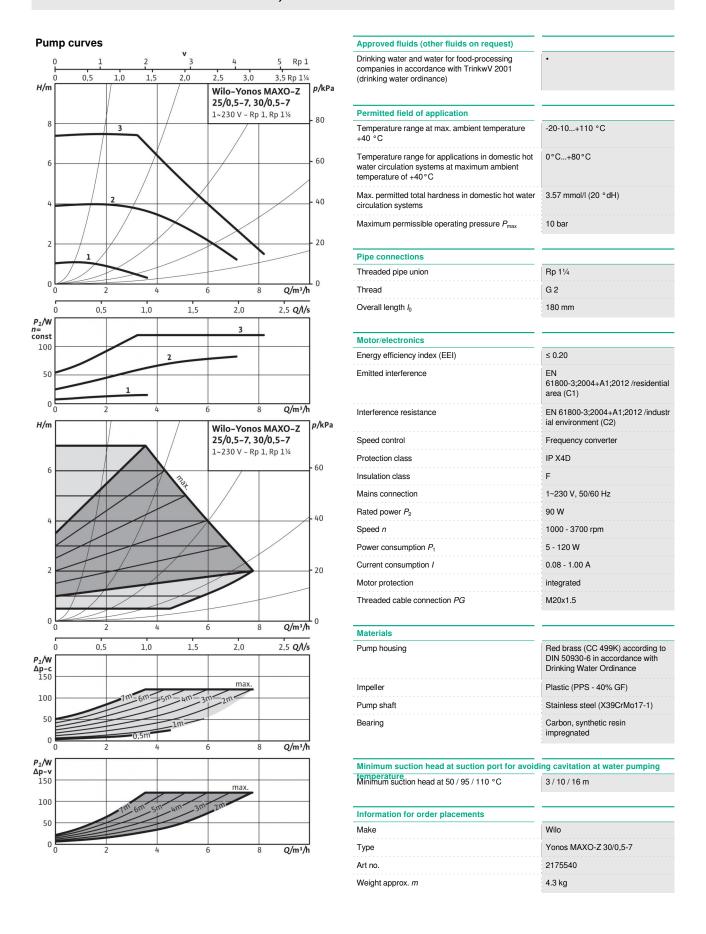


Terminal diagram



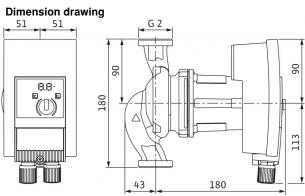
SSM: Collective fault signal



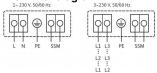


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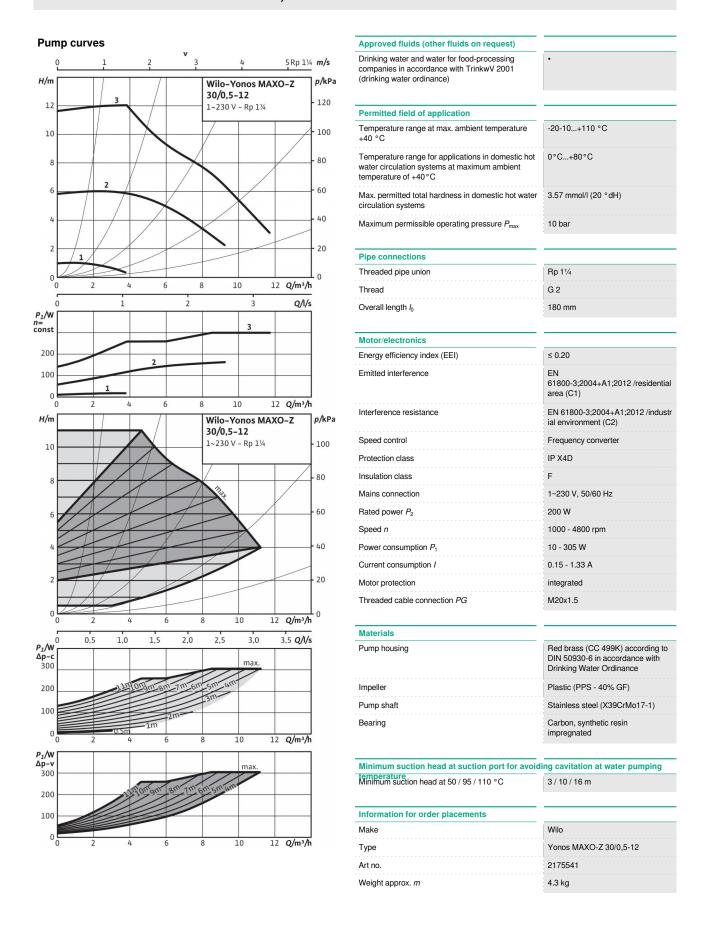


Terminal diagram



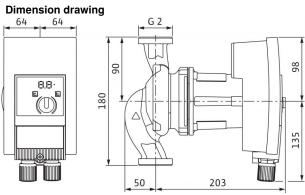
SSM: Collective fault signal



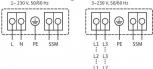


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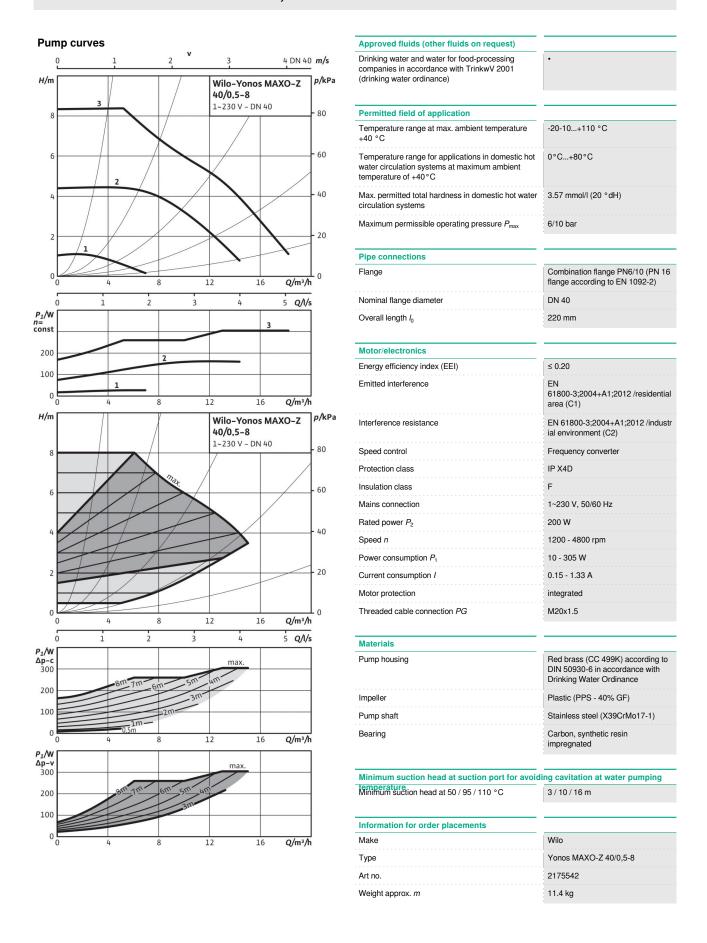


Terminal diagram



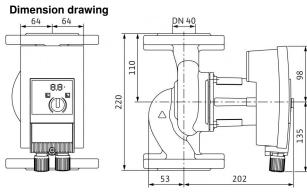
SSM: Collective fault signal



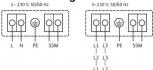


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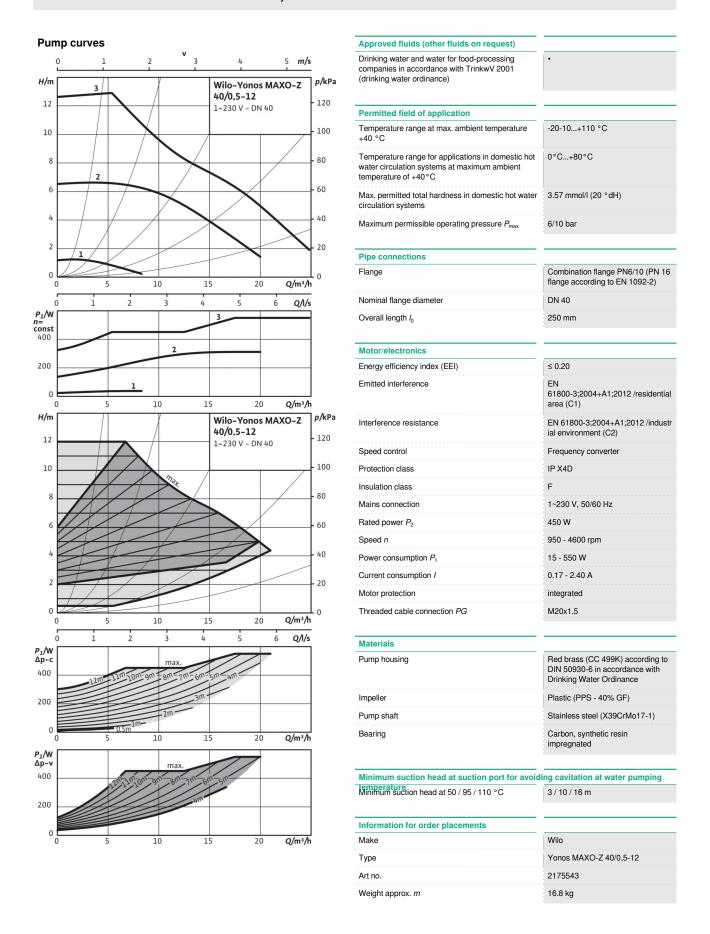


Terminal diagram



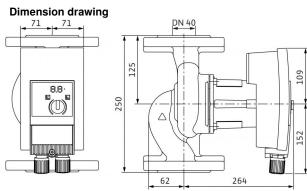
SSM: Collective fault signal



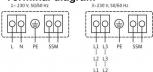


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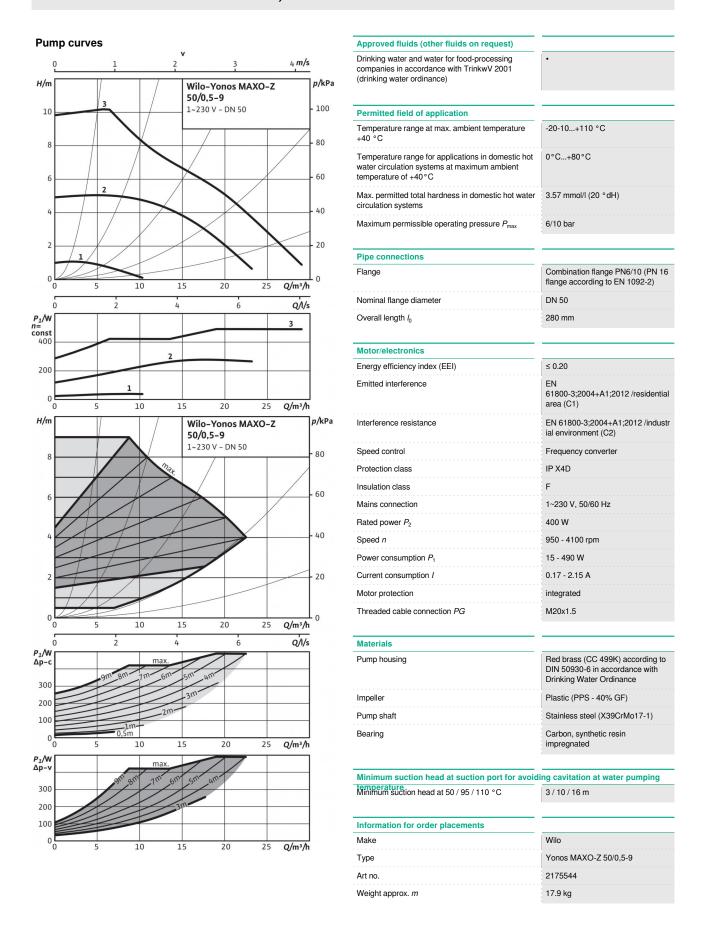


Terminal diagram



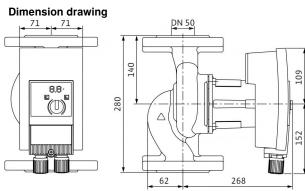
SSM: Collective fault signal



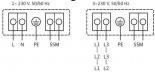


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Terminal diagram



SSM: Collective fault signal