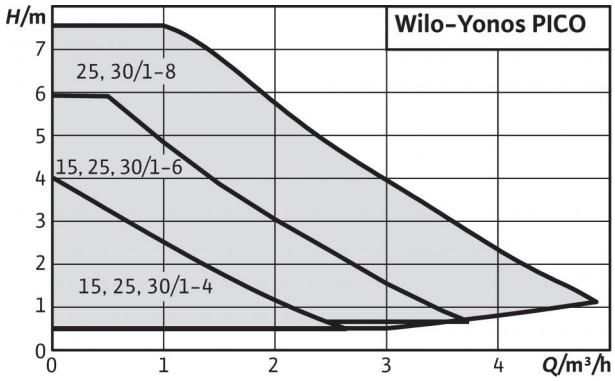
Series description: Wilo-Yonos PICO



Similar to figure



ErP READY APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Design

Glandless circulation pump with screwed connection, blocking-current proof EC motor and integrated electronic power control.

Application

All hot water heating systems, air-conditioning applications, industrial circulation systems.

Type key

Example:	**Wilo-Yonos PICO 30/1-4**
Yonos PICO	High-efficiency pump (screw-end pump), electronically controlled
30/	Nominal connection diameter
1-4	Nominal delivery head range [m]
130	Port-to-port length

Special features/product advantages

- LED display for adjusting the setpoint in 0.1 m increments and showing effective consumption
- Tool-free electrical connection using the Wilo-Connector
- Unique pump venting function
- Simple adjustment when replacing an uncontrolled standard pump with preselectable speed stages, e.g. Wilo-Star-RS
- Very high starting torque for reliable starting

Technical data

- Energy efficiency index (EEI) ≤ 0.20

- Fluid temperature -10 °C to +95 °C
- Mains connection 1~230 V, 50 Hz
- Protection class IP X2 D
- Threaded connection Rp ½, Rp 1 and Rp 1¼
- Max. operating pressure 6 bar

Equipment/function

Operating modes

- Δ p-c for constant differential pressure
- Δ p-v for variable differential pressure

Manual functions

- Setting the operating mode
- Setting of pump output (delivery head)
- Venting function

Automatic functions

- Infinitely variable power adjustment according to the operating mode
- Automatic deblocking function

Signal and display functions

- Display of power consumption in W
- Display of the current pumping head for setting
- Indication of fault signals (error codes)

Equipment

- Wrench attachment point on pump body
- Quick electrical connection with Wilo-Connector
- Venting function
- Blocking-current proof motor
- Particle filter

Materials

Series description: Wilo-Yonos PICO

Materials

- Pump housing: Grey cast iron (EN-GJL-200)
- Impeller: Plastic (PP - 40% GF)
- Pump shaft: stainless steel
- Bearing: Carbon, metal impregnated

Scope of delivery

- Pump
- Wilo-Connector
- Gaskets
- Installation and operating instructions

Options

- Yonos PICO...130 version with short port-to-port length of 130 mm

Accessories

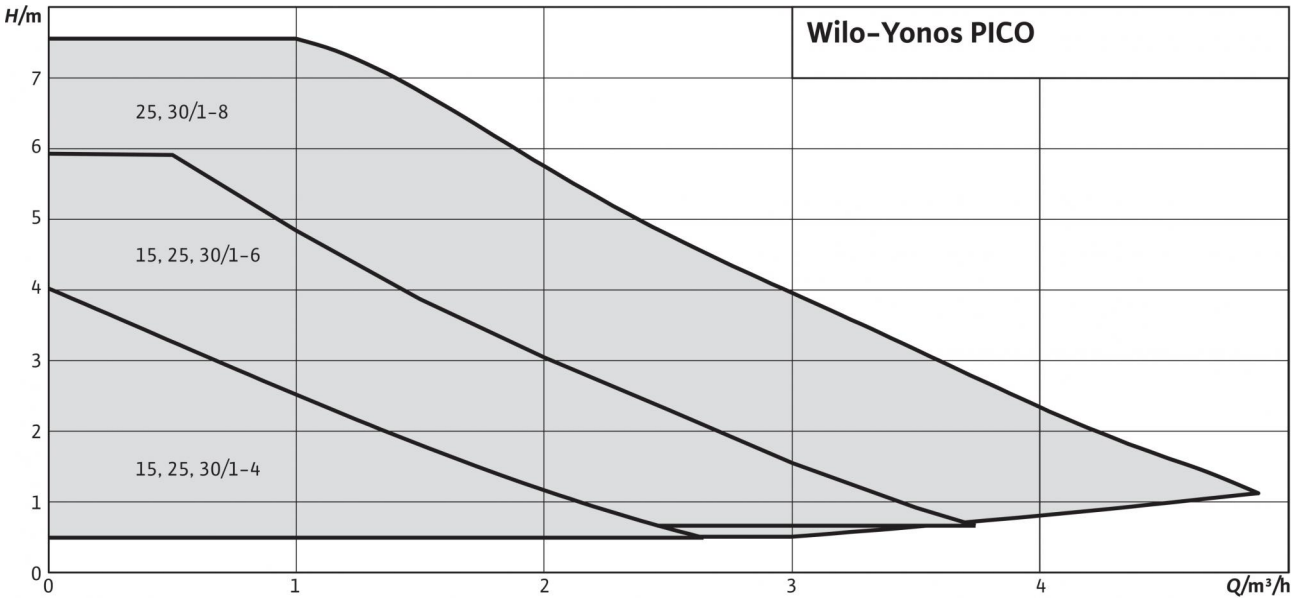
- Screwed connections
- Adapter fittings
- Thermal insulation
- Wilo-Connector with 2 m connection cable and shockproof plug
- Angle plug with 2 m connection cable

Special versions

Yonos PICO models with other connections for the pump housing available on request

Duty chart: Wilo-Yonos PICO

Pump curves



Product list: Wilo-Yonos PICO

Type	Max. volume flow Q_{max}	Max. delivery head H_{max}	Energy efficiency index (EEI)	Threaded pipe union	Rated pressure *PN*	Overall length *L0*	Mains connection	Gross weight *m*	Pieces per pallet	Art no.
Yonos PICO 15/1-4	2.5 m3/h	4.0 m	≤ 0.20	Rp ½	6 bar	130 mm	1~230 V, 50/60 Hz	2.0 kg	202	4164011
Yonos PICO 15/1-6	3.5 m3/h	6.0 m	≤ 0.20	Rp ½	6 bar	130 mm	1~230 V, 50/60 Hz	2.0 kg	202	4164012
Yonos PICO 25/1-4	2.5 m3/h	4.0 m	≤ 0.20	Rp 1	6 bar	180 mm	1~230 V, 50/60 Hz	2.2 kg	202	4164013
Yonos PICO 25/1-4-130	2.5 m3/h	4.0 m	≤ 0.20	Rp 1	6 bar	130 mm	1~230 V, 50/60 Hz	2.0 kg	202	4164017
Yonos PICO 25/1-6	3.5 m3/h	6.0 m	≤ 0.20	Rp 1	6 bar	180 mm	1~230 V, 50/60 Hz	2.2 kg	202	4164014
Yonos PICO 25/1-6-130	3.5 m3/h	6.0 m	≤ 0.20	Rp 1	6 bar	130 mm	1~230 V, 50/60 Hz	2.0 kg	202	4164018
Yonos PICO 25/1-8	4.5 m3/h	7.5 m	≤ 0.20	Rp 1	6 bar	180 mm	1~230 V, 50/60 Hz	2.3 kg	202	4164019
Yonos PICO 25/1-8-130	4.5 m3/h	7.5 m	≤ 0.20	Rp 1	6 bar	130 mm	1~230 V, 50/60 Hz	2.2 kg	202	4179660
Yonos PICO 30/1-4	2.5 m3/h	4.0 m	≤ 0.20	Rp 1¼	6 bar	180 mm	1~230 V, 50/60 Hz	2.2 kg	202	4164015
Yonos PICO 30/1-6	3.5 m3/h	6.0 m	≤ 0.20	Rp 1¼	6 bar	180 mm	1~230 V, 50/60 Hz	2.2 kg	202	4164016
Yonos PICO 30/1-8	4.5 m3/h	7.5 m	≤ 0.20	Rp 1¼	6 bar	180 mm	1~230 V, 50/60 Hz	2.3 kg	202	4164020