

Series description: Wilo-Yonos PICO



Design

Glandless circulation pump with threaded 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**

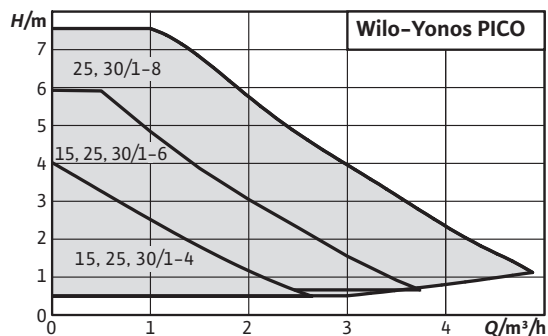
Yonos PICO	High-efficiency pump (screw-end pump), electronically controlled
30/	Nominal connection diameter
1-4	Nominal delivery head range [m]
130	Overall length

Special features/product advantages

- High-efficiency pump especially for single and two-family houses, as well as for two to six-family houses.
- Only 4 watts minimum power consumption
- Preselectable control modes for optimum load adjustment $\Delta p-c$ (differential pressure constant), $\Delta p-v$ (differential pressure variable)
- Integrated motor protection
- LED display for setting the setpoint and displaying actual consumption in watts
- Bleeding function for bleeding the rotor chamber
- Quick electrical connection with Wilo-Connector
- Flexible installation thanks to compact construction
- Very high starting torque for reliable starting

Technical data

- Fluid temperature -10°C to $+95^{\circ}\text{C}$
- Mains connection 1~230 V, 50 Hz
- Protection class IP X2 D
- Threaded connection Rp $\frac{1}{2}$, Rp 1 and Rp $1\frac{1}{4}$
- Max. operating pressure 6 bar



Equipment/function

Operating modes

- $\Delta p-c$ for constant differential pressure
- $\Delta p-v$ for variable differential pressure

Manual functions

- Operating mode setting
- Setting the pump output (delivery head)
- Bleeding function

Automatic functions

- Stageless power adjustment depending on the operating mode
- Automatic deblocking function

Signal and display functions

- Display of power consumption in W
- Display of the current pumping head for setting

Equipment

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

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

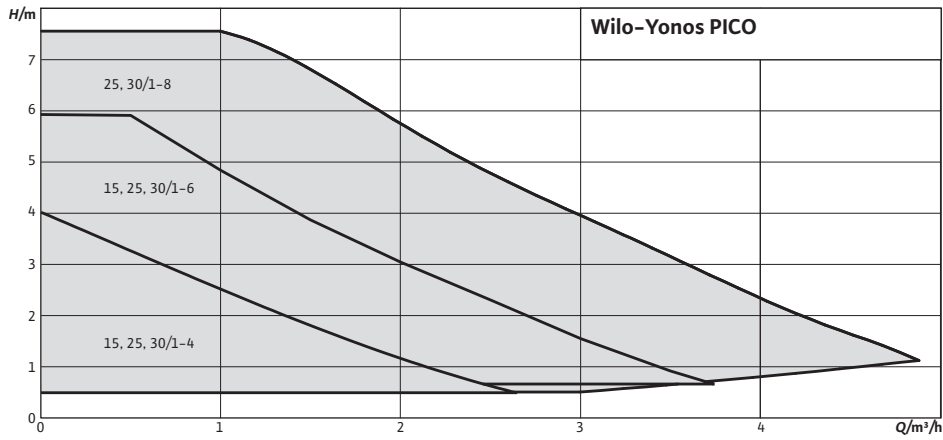
- Yonos PICO...130 version with short port-to-port length of 130 mm

Accessories

- Screwed connections
- Adapter fittings
- Thermal insulation
- Angle plug with 2 m connecting cable

Duty chart: Wilo-Yonos PICO

Pump curves



Product list: Wilo-Yonos PICO

Type	Max. volume flow	Max. delivery head	Threaded pipe union	Rated pressure	Overall length	Mains connection	Gross weight	Pieces per pallet	Art no.
	$Q_{max}/m^3/h$	H_{max}/m		PN/bar	$L0/mm$		m/kg		
Yonos PICO 15/1-4	2,5	4,0	Rp ½	6	130	1~230 V, 50/60 Hz	2,0	202	4164000
Yonos PICO 15/1-4	2,5	4,0	Rp ½	6	130	1~230 V, 50/60 Hz	2,0	202	4164011
Yonos PICO 15/1-6	2,5	6,0	Rp ½	6	130	1~230 V, 50/60 Hz	2,0	202	4164001
Yonos PICO 15/1-6	3,5	6,0	Rp ½	6	130	1~230 V, 50/60 Hz	2,0	202	4164012
Yonos PICO 25/1-4	2,5	4,0	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164002
Yonos PICO 25/1-4	2,5	4,0	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164013
Yonos PICO 25/1-4-130	2,5	4,0	Rp 1	6	130	1~230 V, 50/60 Hz	2,0	202	4164006
Yonos PICO 25/1-4-130	2,5	4,0	Rp 1	6	130	1~230 V, 50/60 Hz	2,0	202	4164017
Yonos PICO 25/1-6	2,5	6,0	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164003
Yonos PICO 25/1-6	3,5	6,0	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164014
Yonos PICO 25/1-6-130	2,5	6,0	Rp 1	6	130	1~230 V, 50/60 Hz	2,0	202	4164007
Yonos PICO 25/1-6-130	3,5	6,0	Rp 1	6	130	1~230 V, 50/60 Hz	2,0	202	4164018
Yonos PICO 25/1-8	4,5	7,5	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164019
Yonos PICO 25/1-8	4,5	7,5	Rp 1	6	180	1~230 V, 50/60 Hz	2,2	202	4164008
Yonos PICO 25/1-8-130	4,5	7,5	Rp 1	6	130	1~230 V, 50/60 Hz	2,2		4179660
Yonos PICO 25/6-F-120	3,5	6,0		6	120	1~230 V, 50/60 Hz	2,2		4178163
Yonos PICO 30/1-4	2,5	4,0	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164004
Yonos PICO 30/1-4	2,5	4,0	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164015
Yonos PICO 30/1-6	2,5	6,0	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164005
Yonos PICO 30/1-6	3,5	6,0	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164016
Yonos PICO 30/1-8	4,5	7,5	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164020
Yonos PICO 30/1-8	4,5	7,5	Rp 1¼	6	180	1~230 V, 50/60 Hz	2,2	202	4164009
Yonos PICO 40/1-8	4,5	7,5		6	220	1~230 V, 50/60 Hz	4,7		4178165