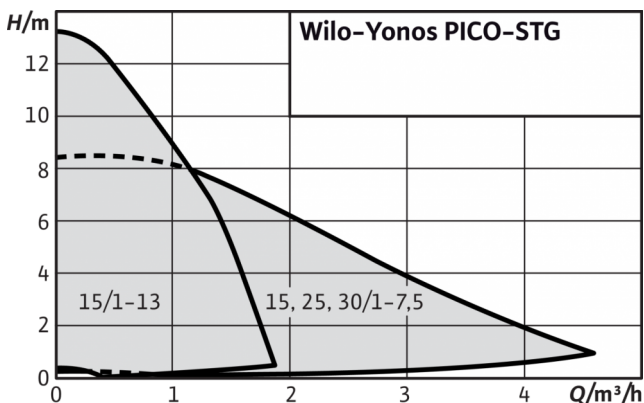


Series description: Wilo-Yonos PICO-STG

Wilo-Yonos PICO-STG



Yonos PICO-STG



Design type

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

Application

Primary circuits of solar and geothermal energy

Equipment/function

Operating modes

- Δp -v for variable differential pressure
- Constant speed (n=constant)
- External speed control with PWM 1 or PWM 2 signal

Manual functions

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

Automatic functions

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

Signal and display functions

- Display of the operation or of faults

Equipment

- Wrench attachment point on pump body
- Quick electrical connection with Wilo-Connector via flexible cable
- Blocking-current proof motor
- Cataphoretically-coated pump housing

Scope of delivery

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

Type key

Example:
Yonos PICO

-STG
15/
1-7.5
130

Wilo-Yonos PICO-STG 15/1-7.5-130
 High-efficiency pump (screw-end pump), electronically controlled
 For solar and geothermal energy systems
 Nominal connection diameter
 Nominal delivery head range [m]
 Port-to-port length

Technical data

- Energy Efficiency Index (EEI) ≤ 0.23
- Fluid temperature 0 °C to +110 °C
- Mains connection 1~230 V, 50 Hz
- Protection class IPX4D
- Screwed connection Rp ½, Rp 1 and Rp 1¼
- Max. operating pressure 10 bar

Special features/product advantages

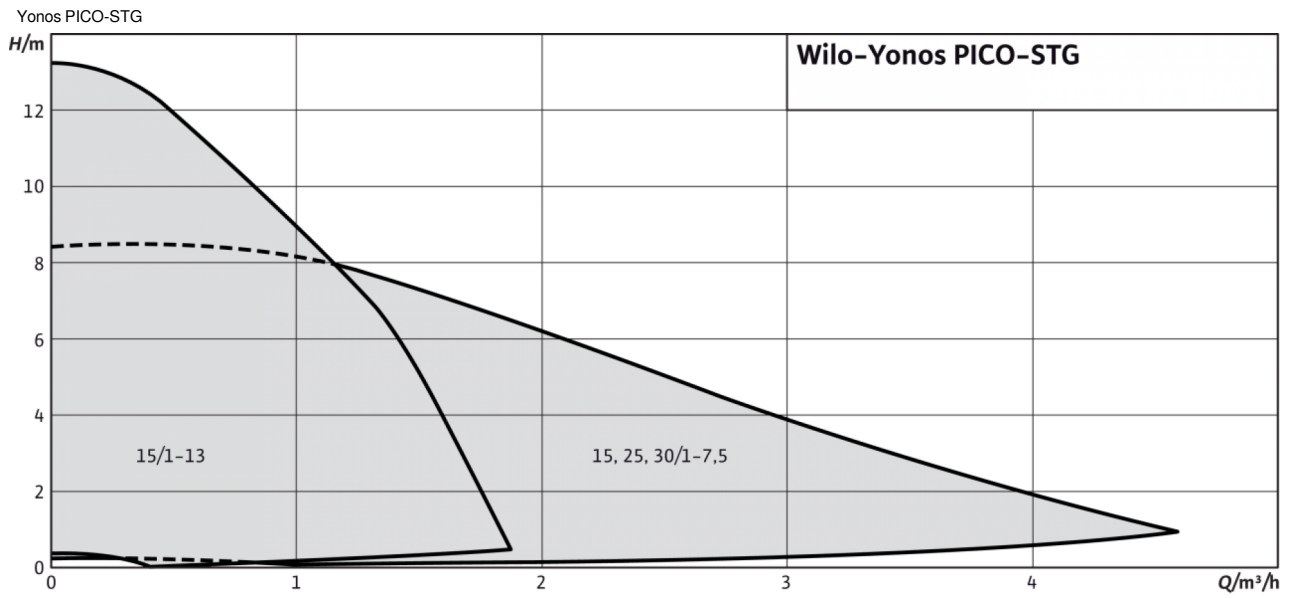
- Green Button for setting Δp -v control mode or fixed speed
- External speed control thanks to built-in PWM 1 (geothermal) and PWM 2 (solar) interfaces
- Flexible connection cable with Wilo-Connector
- Pump housing with cataphoretic coating protects against corrosion due to condensation water formation
- Ring LED for operation and fault display

Series description: Wilo-Yonos PICO-STG

Materials

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

Duty chart: Wilo-Yonos PICO-STG



Product list: Wilo-Yonos PICO-STG

Product description	Mains connection	Energy efficiency index (EEI)	Max. volume flow Q	Max. delivery head H	Maximum operating pressure PN	Pipe connection	Port-to-port length l_0	Gross weight, approx. m	Article number
Yonos PICO-STG 15/1-13-180	1~230 V, 50/60 Hz	0.21	2 m ³ /h	13 m	10 bar	G 1	180 mm	2.2 kg	4527507
Yonos PICO-STG 15/1-13-130	1~230 V, 50/60 Hz	0.21	2 m ³ /h	13 m	10 bar	G 1	130 mm	2.0 kg	4527506
Yonos PICO-STG 15/1-7.5	1~230 V, 50/60 Hz	0.21	4.5 m ³ /h	8 m	10 bar	G 1	130 mm	2.0 kg	4527505
Yonos PICO-STG 25/1-7.5	1~230 V, 50/60 Hz	0.21	4.5 m ³ /h	8 m	10 bar	G 1½	180 mm	2.3 kg	4527504
Yonos PICO-STG 30/1-7.5	1~230 V, 50/60 Hz	0.21	4.5 m ³ /h	8 m	10 bar	G 2	180 mm	2.3 kg	4527214