



**Design**

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

**Application**

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

**Equipment/function**

**Operating modes**

- > Δp-c for constant differential pressure
- > Δp-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 fault 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: PN 6/10 combination flange (PN 16 flange according to EN 1092-2) for PN 6 and PN 16 counter flanges
  - > Standard version for DN 80/DN 100 pumps: PN 6 flange (designed for PN 16 according to EN 1092-2) for PN 6 counter flange

**Typekey**

Example: **Wilo-Yonos MAXO 30/0.5-12**  
**Yonos MAXO** High-efficiency pump (screw-end or flange-end pump), electronically controlled  
**30/** Nominal connection diameter  
**0.5-12** Nominal delivery head range [m]

**Technical data**

- > Permissible temperature range of -20°C to +110°C
- > Mains connection 1~230 V, 50/60 Hz
- > Protection class IP X4D
- > Flange connection DN 32 to DN 80
- > Max. operating pressure of standard version: 6/10 bar or 6 bar (special version: 10 bar)

### Materials

- > Pump housing: grey cast iron with cathoretic coating
- > Shaft: Stainless steel
- > Bearing: carbon, metal impregnated
- > Impeller: Plastic

### Scope of delivery

- > Pump
- > Including gaskets for threaded connection
- > Including washers for flange screws (for nominal connection diameters DN 32 – DN 65)
- > Including installation and operating instructions