

Data sheet: Yonos MAXO 30/0,5-12

Hydraulic data

Max. volume flow Q	11.7 m³/h
Max. delivery head H	12 m
Energy efficiency index (EEI)	0.20

Motor data

Mains connection	1~230 V, 50/60 Hz
Rated current I_N	1.33 A
Insulation class	F
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industria l environment (C2)
Electromagnetic compatibility	EN 61000-6-2

Materials

Shaft	1.4122, X39CrMo17-1
Pump housing	5.1300, EN-GJL-200
Impeller	PPE+PS-GF30
Bearing material	Carbon, metal impregnated

Product data

Maximum operating pressure P_N	10 bar
Max. fluid temperature T	110 Celsius
Min. fluid temperature T	-10 Celsius
Max. ambient temperature T	40 Celsius

Installation dimensions

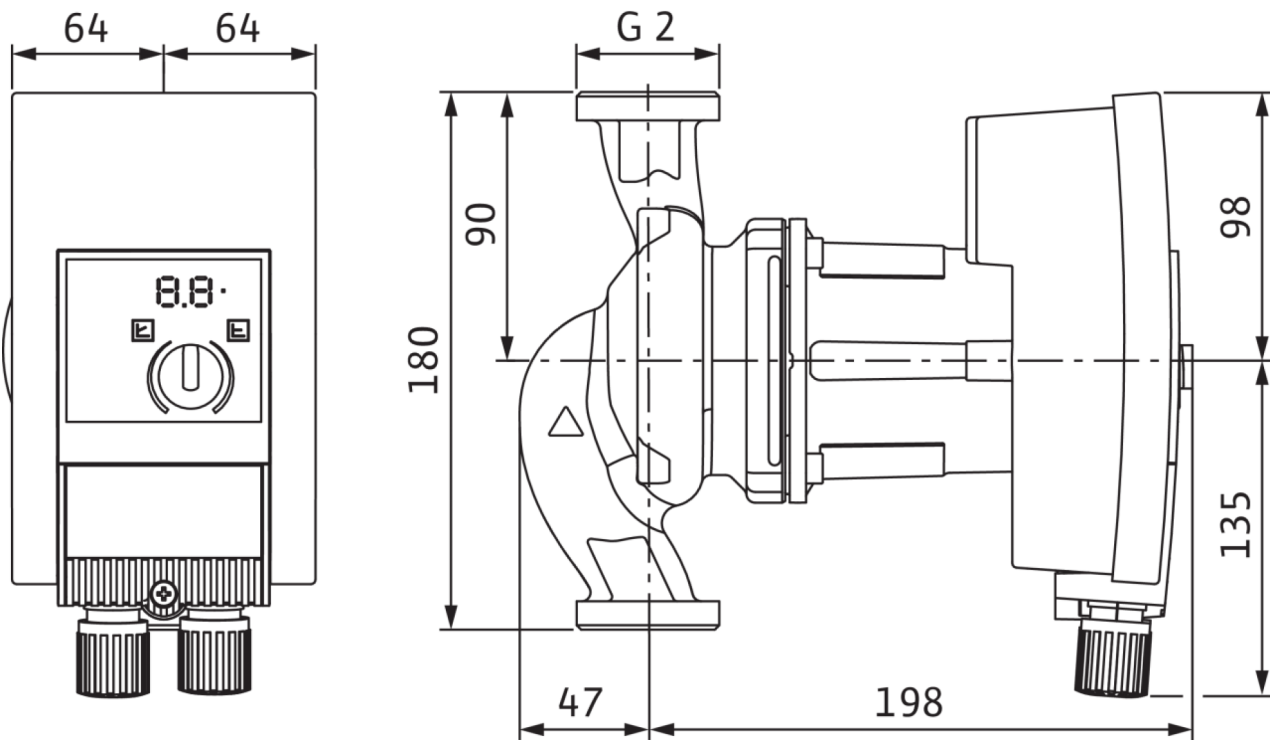
Pipe connection on the suction side	G 2
Pipe connection on the pressure side	G 2
Port-to-port length l_0	180 mm

Information on placed orders

Brand	Wilo
Product description	Yonos MAXO 30/0,5-12
Article number	2120644
Net weight, approx. m	5 kg

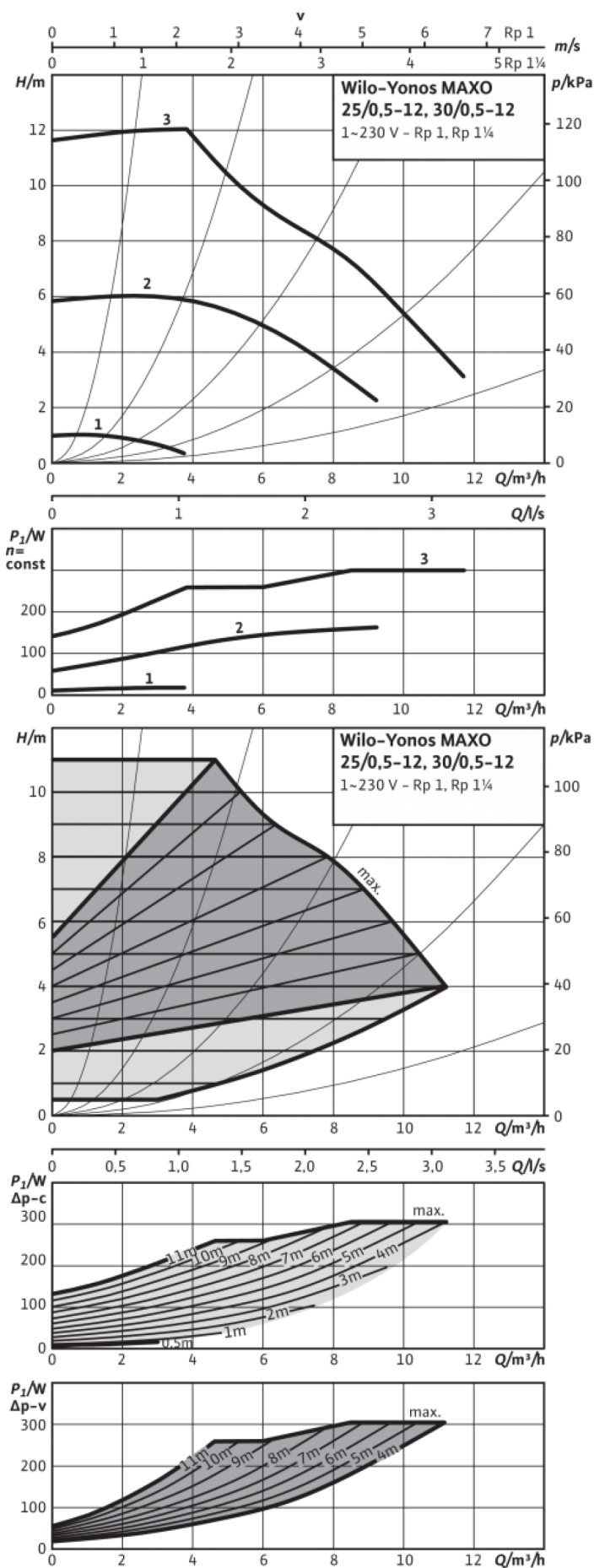
Dimensions and dimensions drawings: Yonos MAXO 30/0,5-12

Yonos MAXO



Pump curves: Yonos MAXO 30/0,5-12

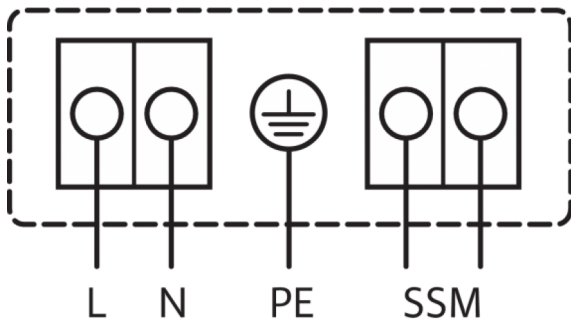
Yonos MAXO 25/0,5-12



Wiring diagram: Yonos MAXO 30/0,5-12

1~230V, 50/60 Hz; 1~230 V, 50/60 Hz

1~ 230 V, 50/60 Hz

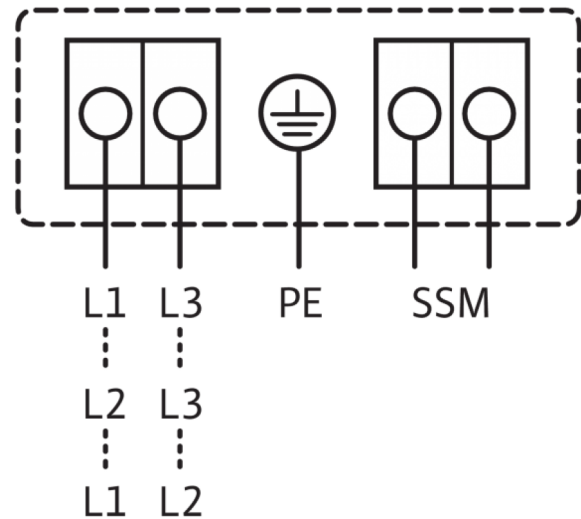


SSM:

Standard: 1~230 V, 50/60 Hz

Option: 3~230 V, 50/60 Hz

3~230 V, 50/60 Hz



Collective fault signal

(NC contact in accordance with VDI 3814, load capacity 1 A, 250 V ~)

Tender text: Yonos MAXO 30/0,5-12

High efficiency pump Wilo-Yonos MAXO

electronically controlled,

Glandless circulator, synchronous motor according to ECM technology and integrated power control for continuous differential pressure control. Can be used for all heating, ventilation and air-conditioning applications.

Standard-equipped with:

- Preselectable control modes for optimum load adjustment: Δp -c (differential pressure constant), Δp -v (differential pressure variable)
- 3 speed stages ($n = \text{constant}$)
- LED for setting the setpoint and displaying error messages
- Electrical connection with the Wilo plug
- Fault lamp and contact for collective fault signal

For flange-end pumps - flange versions:

- Standard version for pumps DN 32 to DN 65: 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

Materials		Operating data	
Pump housing	5.1300, EN-GJL-200	Fluid media	Water
Impeller	PPE+PS-GF30	Min. fluid temperature T	-10 Celsius
Shaft	1.4122, X39CrMo17-1	Max. fluid temperature T	110 Celsius
Bearing material	Carbon, metal impregnated	Maximum operating pressure PN	10 bar
		Minimum suction head at 50 °C	3
		Minimum suction head at 95 °C	10
		Minimum suction head at 110 °C	16
		Max. ambient temperature T	40 Celsius
Motor data		Installation dimensions	
Energy efficiency index (EEI)	0.20	Pipe connection on the suction side	G 2
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)	Port-to-port length l_0	180 mm
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)		
Mains connection	1-230 V, 50/60 Hz		
Power consumption $P_{1 \max}$	305 W		
Min. speed	1000 rpm		
Max. speed	4800 rpm		
Protection class motor	IPX4D		
Threaded cable connection	M20x1.5		
Information on placed orders			
Net weight, approx. m	5 kg		
Brand	Wilo		
Product description	Yonos MAXO 30/0,5-12		