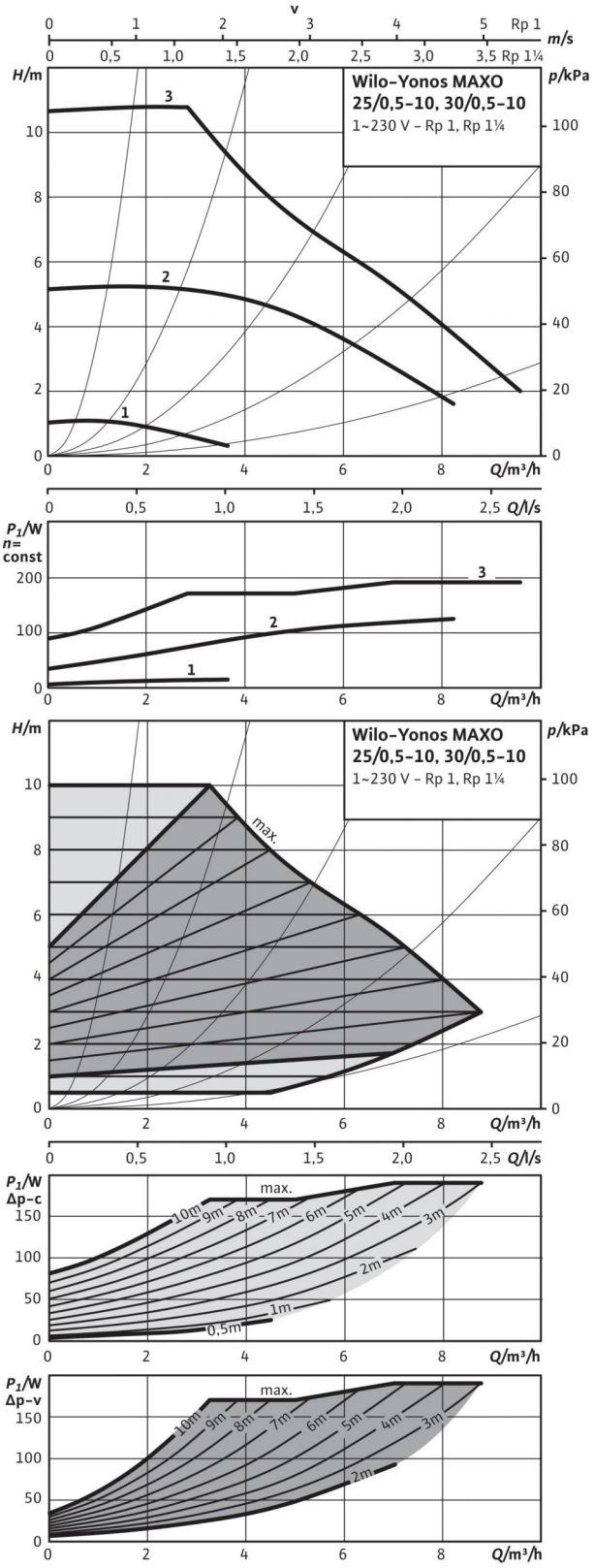
Company: R E G U L U S spol. s r.o.
Street: Do Koutu, 1897/3
Post code: 14300
Town: Praha 4
Telephone: 241 764 506
Fax: 241 763 976
E-mail: regulus@regulus.cz

Data sheet: Yonos MAXO 25/0,5-10

Pump curves



Approved fluids (other fluids on request)	
Heating water (in accordance with VDI 2035)	•
Water-glycol mixtures (max. 1:1; above 20% admixture, the pumping data must be checked)	•

Permitted field of application	
Temperature range at max. ambient temperature +40 °C	-20...+110 °C °C
Maximum permissible operating pressure P_{max}	10 bar

Pipe connections	
Threaded pipe union	Rp 1
Thread	G 1½
Overall length l_0	180 mm

Motor/electronics	
Energy efficiency index (EEI)	≤ 0.20
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Speed control	Frequency converter
Protection class	IP X4D
Insulation class	F
Mains connection	1~230 V, 50/60 Hz
Rated power P_2	140.00 W
Speed n	1000 - 4450 rpm
Power consumption P_1	5 - 190 W
Current consumption I	0.08 - 1.3 A
Motor protection	integrated
Threaded cable connection PG	M20x1.5

Materials	
Pump housing	Grey cast iron (EN-GJL-200)
Impeller	Plastic (PPE - 30% GF)
Pump shaft	Stainless steel (X39CrMo17-1)
Bearing	Carbon, metal impregnated

Minimum suction head at suction port for avoiding cavitation at water pumping temperature	
Minimum suction head at 50 / 95 / 110 °C	3 / 10 / 16 m

Information for order placements	
Make	Wilo
Type	Yonos MAXO 25/0,5-10
Art no.	2120640
Weight approx. m	4.5 kg

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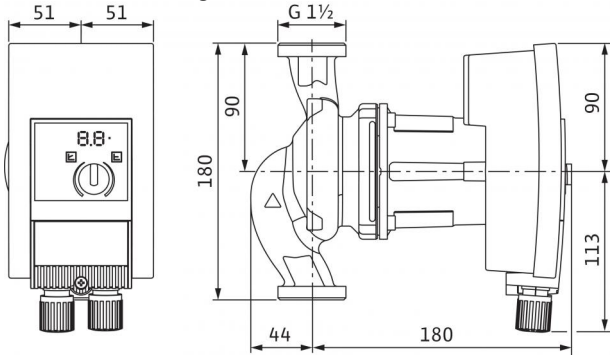
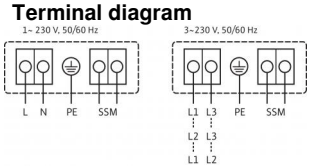
Dimension drawing



Terminal diagram



SSM:	Collective fault signal (NC contact in accordance with VDI 3814, load capacity 1 A, 250 V ~)

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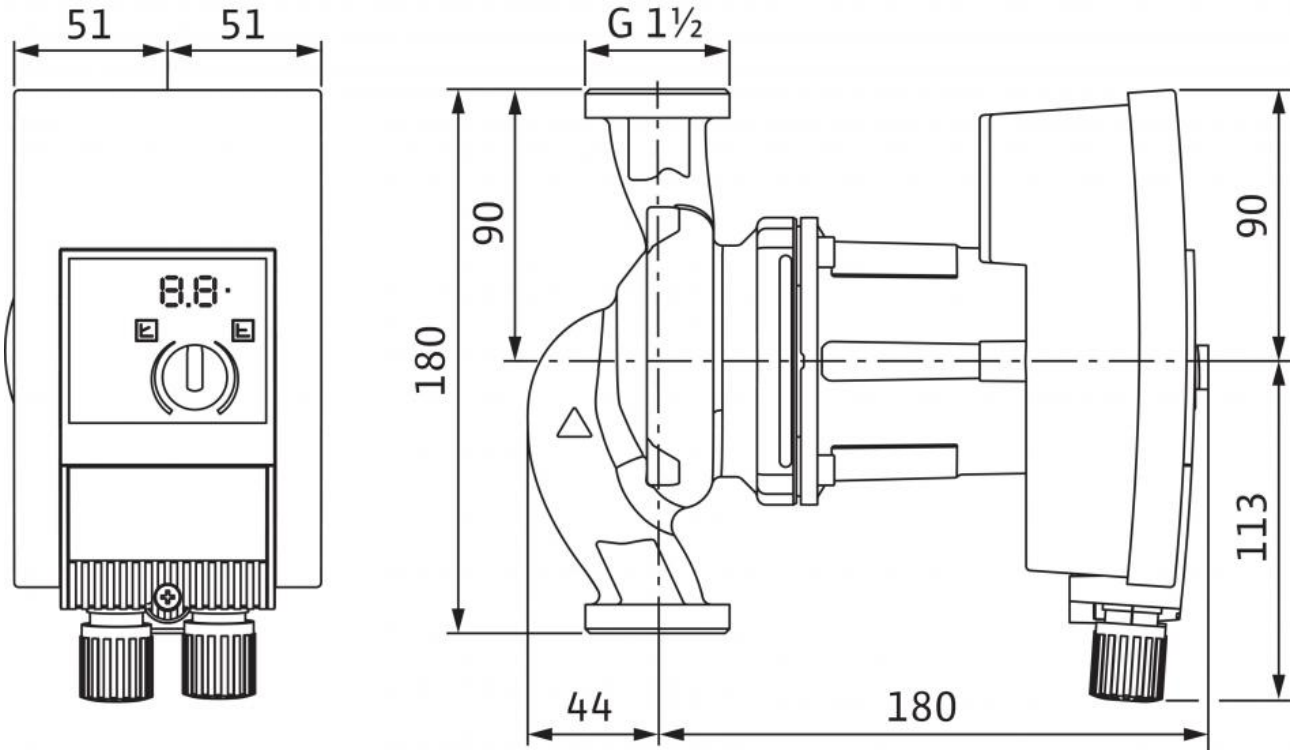
Dimensions and dimensions drawings: Yonos MAXO 25/0,5-10

Dimension drawing



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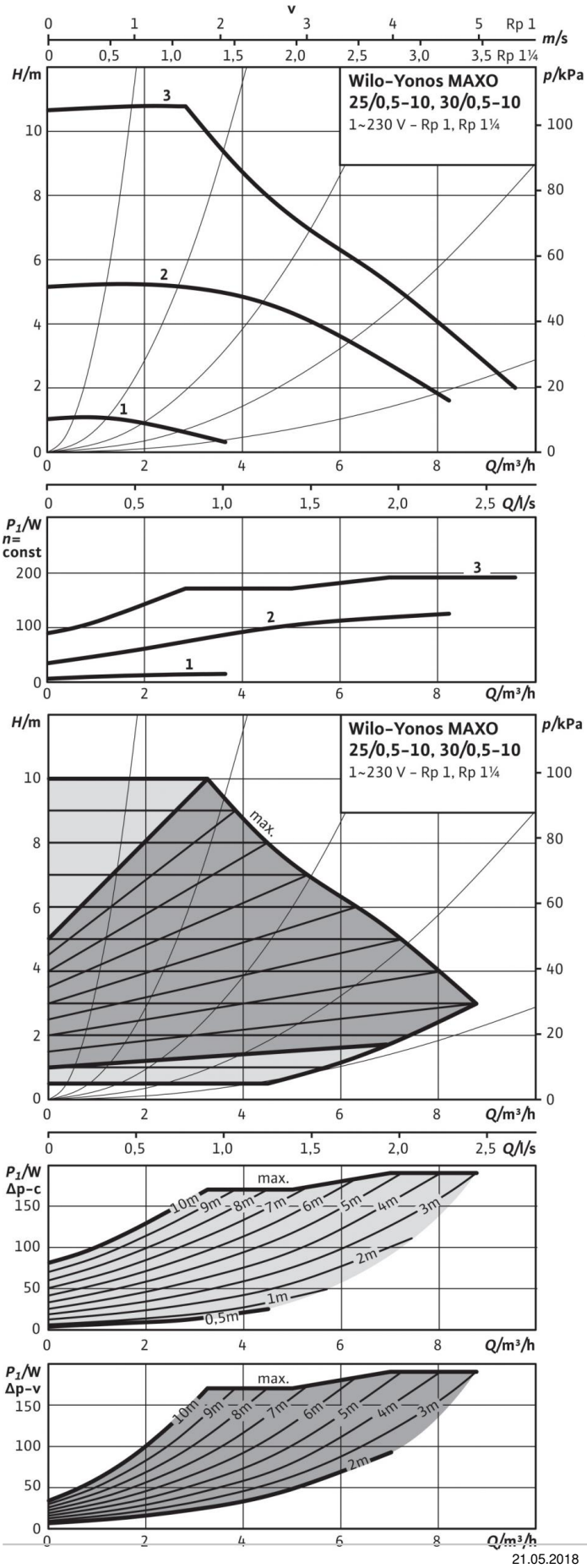
Pump curves: Yonos MAXO 25/0,5-10

Pump curves



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Ordering information: Yonos MAXO 25/0,5-10

Make	Wilo
Type	Yonos MAXO 25/0,5-10
Art no.	2120640
EAN number	4048482235875
Colour	green/black
Minimum order quantity	1
Minimum order quantity unit	PCE
Weight (net) *kg*	4.5
Length (net) *mm*	203
Width (net) *mm*	105
Height (net) *mm*	224
Weight (gross) *kg*	5.8
Length (gross) *mm*	270
Width (gross) *mm*	242
Height (gross) *mm*	205
Packaging type	Cardboard box
Packaging property	Transport packaging
Pieces per pallet	70
Number per layer	14

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Tender text: Yonos MAXO 25/0,5-10

High efficiency pump Wilo-Yonos MAXO

electronically controlled,

Glandless circulation pump, 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 = 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: Combination flange PN 6/10 (flange PN 16 acc. to EN 1092-2) for counter flanges PN 6 and PN 16
- 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

Pump housing: Grey cast iron (EN-GJL-200)
Impeller: Plastic (PPE - 30% GF)
Pump shaft: Stainless steel (X39CrMo17-1)
Bearing: Carbon, metal impregnated

Approved fluids (other fluids on request)

Max. volume flow Q_{max}: 9.6 m3/h
Max. delivery head H_{max}: 10.8 m

Pipe connections

Threaded pipe union: Rp 1
Thread: G 1½
Overall length l_0: 180 mm

Motor/electronics

Energy efficiency index (EEI): ≤ 0.20
Emitted interference: EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance: EN 61800-3;2004+A1;2012 /industrial environment (C2)
Speed control: Frequency converter
Protection class: IP X4D
Insulation class: F
Mains connection: 1~230 V, 50/60 Hz
Mains frequency *f*: 50/60 Hz
Nominal motor power P_2: 140.0 W
Speed *n*: 1000 - 4450 rpm
Power consumption 1~230 V P_1: 0 / 0 / 190 W
Current at 1~230V *I*: 0.08 - 1.30 A
Motor protection: integrated
Threaded cable connection *PG*: M20x1.5

Information for order placements

Art no.: 2120640
EAN number: 4048482235875
Weight approx. *m*: 4.5 kg
Make: Wilo
Type: Yonos MAXO 25/0,5-10