

Replacement recommendation

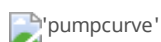
Glandless premium smart-pump



Glandless premium smart-pump



Existing pump



Product description	Stratos MAXO 25/0,5-12 PN 10	Stratos MAXO 25/0,5-12 PN10-R7	Yonos MAXO 25/0,5-12 PN 10
Article number	2164571	2217896	2120641
Series	Wilo-Stratos MAXO	Wilo-Stratos MAXO	Wilo-Yonos MAXO
Brand	Wilo	Wilo	Wilo
Port-to-port length <i>l</i> ₀	180 mm	180 mm	180 mm
Net weight, approx. <i>m</i>	7.5 kg	7.5 kg	5.3 kg
Comment	no fitting piece needed	no fitting piece needed	no fitting piece needed
Motor data			
Mains connection	1~230 V, 50/60 Hz	1~230 V, 50/60 Hz	1~230 V, 50/60 Hz
Materials			
Material	Grey cast iron	Grey cast iron	Grey cast iron
Pipe connection			
Inlet connection	G 1½	G 1½	G 1½
PN connection on suction side	-	-	-
Outlet connection	G 1½	G 1½	G 1½
PN connection on discharge side	-	-	-

Existing pump



Product description	Stratos 25/1-12 PN 10
Article number	2104941
Series	-
Brand	Wilo
Port-to-port length <i>l</i> ₀	180 mm
Net weight, approx. <i>m</i>	5.4 kg
Comment	-
Motor data	
Mains connection	-
Materials	
Material	Grey cast iron
Pipe connection	
Inlet connection	G 1½
PN connection on suction side	PN 10
Outlet connection	G 1½
PN connection on discharge side	PN 10

Data sheet

Hydraulic data

Maximum operating pressure <i>PN</i>	10 bar
Head max <i>H</i> _{max}	11.0 m
Flow max <i>Q</i> _{max}	10.7 m³/h
Minimum suction head at 50 °C <i>m</i>	3 m
Minimum suction head at 95 °C <i>m</i>	10 m

Hydraulic data

Minimum suction head at 110 °C	16 m
Min. fluid temperature <i>T</i> _{min}	-10 °C
Max. fluid temperature <i>T</i> _{max}	110 °C
Min. ambient temperature <i>T</i> _{min}	-10 °C
Max. ambient temperature <i>T</i> _{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Min current $I_{\min}$	0.22 A
Max current $I_{\max}$	1.37 A
Min. speed $n_{\min}$	1400 1/min
Max. speed $n_{\max}$	4800 1/min
Power consumption $P_{1\min}$	12 W
Power consumption $P_{1\max}$	300 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	1 x PG7
Insulation class	F
Protection class	IPX4D

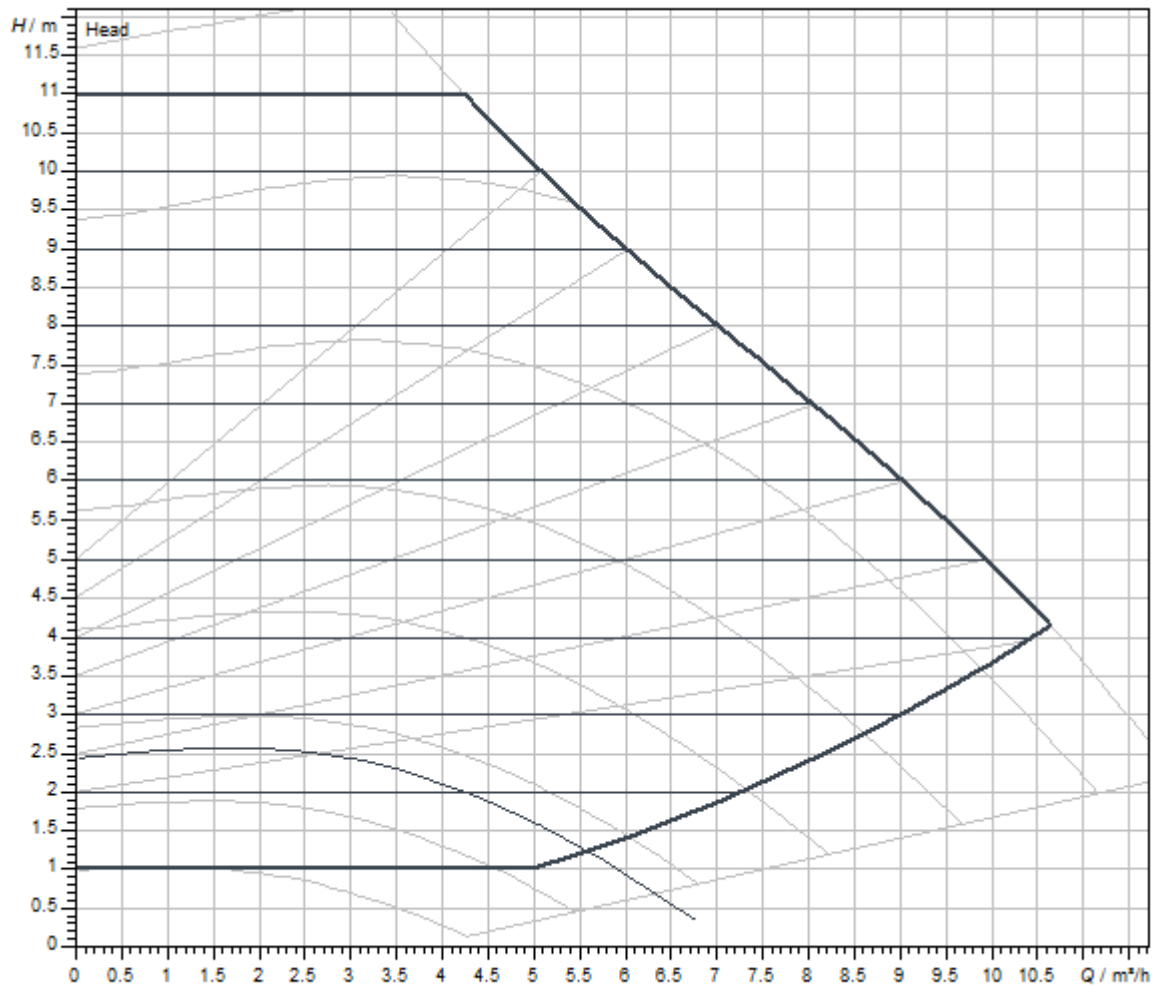
Materials

Pump housing	Grey cast iron
Impeller	PPE-GF30
Shaft	Stainless steel
Bearing	Carbon, metal-impregnated

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 1½
Pipe connection on the suction side <i>DNs</i>	G 1½
PN connection on discharge side	PN 10
PN connection on suction side	PN 10
Port-to-port length <i>L0</i>	180 mm

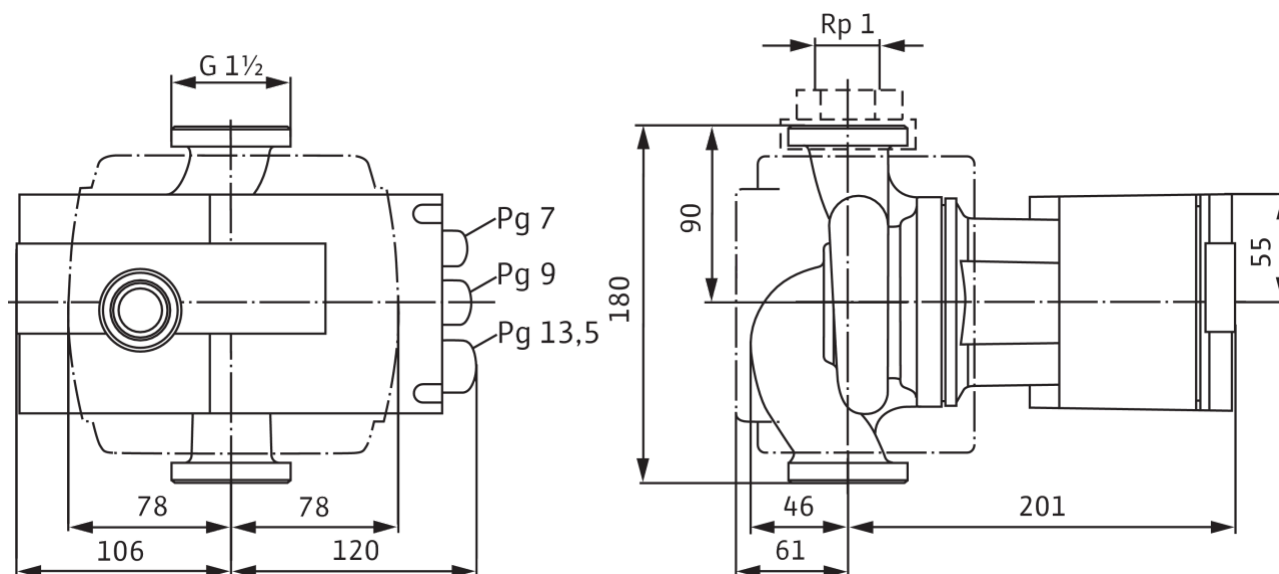
Pump curves



Fluid media	Water 100 %
Fluid temperature <i>T</i>	20.00 °C
speed at duty point <i>n hydr. @ OP</i>	4184 1/min

Dimensions and dimensions drawings

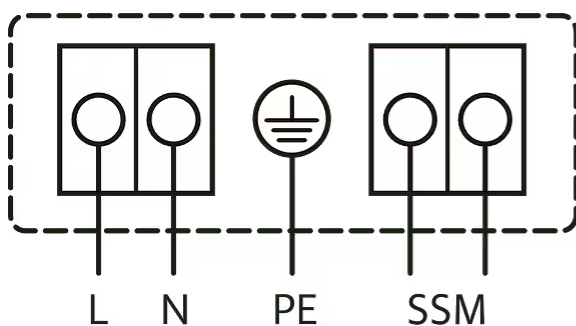
Stratos (2104941)



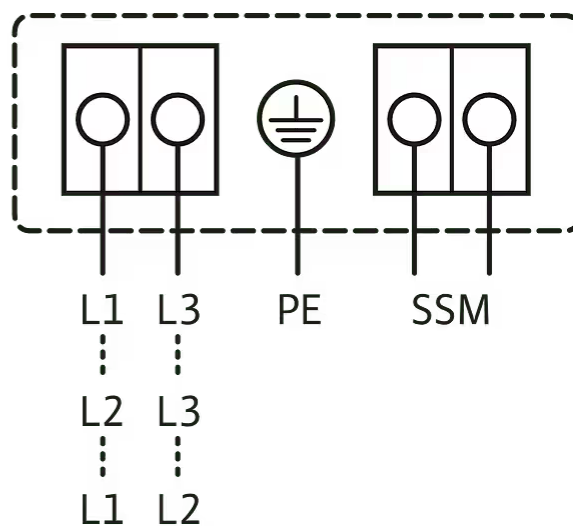
Wiring diagram

1~230V, 50/60 Hz

1~ 230 V, 50/60 Hz



3~230 V, 50/60 Hz



Collective fault signal

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

Standard: 1~230 V, 50/60 Hz

Option: 3~230 V, 50/60 Hz