

Data sheet: Stratos MAXO 100/0,5-12 PN 16

Hydraulic data

Maximum operating pressure PN	16 bar
Head max H_{max}	12.0
Flow max Q_{max}	57.0
Minimum suction head at 50 °C	7
Minimum suction head at 95 °C	15
Minimum suction head at 110 °C	23
Min. fluid temperature T_{min}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Installation dimensions

Pipe connection on the suction side DNs	DN 100
Pipe connection on the pressure side DNd	DN 100
Port-to-port length $l0$	360 mm

Information for order placements

Brand	Wilo
Product description	Stratos MAXO 100/0,5-12 PN 16
EAN number	4048482798127
Article number	2186288
Net weight, approx. m	36 kg
Gross weight, approx. m	39.3 kg
Length with packaging	600 mm
Height with packaging	525 mm
Width with packaging	400 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Energy efficiency index (EEI)	0.17
Rated power P_2	1175.0 W
Min. speed n_{min}	400 rpm
Max. speed n_{max}	3050 rpm
Power consumption $P_{1 min}$	15.0 W
Power consumption $P_{1 max}$	1280.0 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	EN-GJL-250
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Pump curves: Stratos MAXO 100/0,5-12 PN 16

Wilo-Stratos MAXO 80/0,5-12, 100/0,5-12

