

## Data sheet: Stratos MAXO 50/0,5-14 PN 16

### Hydraulic data

Maximum operating pressure $PN$	16 bar
Head max $H_{max}$	14.0
Flow max $Q_{max}$	44.0
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 $DN_s$	DN 50
Pipe connection on the pressure side $DN_d$	DN 50
Port-to-port length $l_0$	340 mm

### Information for order placements

Brand	Wilo
Product description	Stratos MAXO 50/0,5-14 PN 16
EAN number	4048482798028
Article number	2186278
Net weight, approx. $m$	28 kg
Gross weight, approx. $m$	31.3 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 $P_2$	890.0 W
Min. speed $n_{min}$	400 rpm
Max. speed $n_{max}$	3200 rpm
Power consumption $P_{1 min}$	15.0 W
Power consumption $P_{1 max}$	960.0 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
Bearing	Carbon, antimony-impregnated

## Pump curves: Stratos MAXO 50/0,5-14 PN 16

Wilo-Stratos MAXO 50/0,5-14

