

## Data sheet

## Hydraulic data

Maximum operating pressure $P_N$	10 bar
Head max $H_{max}$	0.0 m
Flow max $Q_{max}$	67.0 m <sup>3</sup> /h
Minimum suction head at 50 °C $m$	7 m
Minimum suction head at 95 °C $m$	15 m
Minimum suction head at 110 °C	23 m
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

## Motor data

Energy efficiency index (EEI)	0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{min}$	0.3 A
Max current $I_{max}$	5.7 A
Rated power $P_2$	1109 W
Min. speed $n_{min}$	500 1/min
Max. speed $n_{max}$	3050 1/min
Power consumption $P_{1min}$	20 W
Power consumption $P_{1max}$	1290 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

## Installation dimensions

Pipe connection on the suction side $DN_s$	DN 100
Pipe connection on the discharge side $DN_d$	DN 100
Port-to-port length $L_0$	360 mm

## Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Dimensions and dimensions drawings

Stratos MAXO 100/0,5-12 PN10

