

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	0.0 m
Flow max $Q_{\max}$	24.0 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	12 m
Minimum suction head at 110 °C	18 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 $\pm$ 10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	1.72 A
Rated power P_2	327 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3800 1/min
Power consumption $P_{1\min}$	10 W
Power consumption $P_{1\max}$	390 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 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 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 50/0,5-8 PN6/10-P1

