

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	0.0 m
Flow max $Q_{\max}$	22.0 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 $T_{\min}$	-20 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-20 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	0.23
Mains connection	1~230 V $\pm$ 10%, 50/60 Hz
Min current $I_{\min}$	0.17 A
Max current $I_{\max}$	2.65 A
Rated power P_2	500 W
Min. speed $n_{\min}$	950 1/min
Max. speed $n_{\max}$	4600 1/min
Power consumption $P_{1 \min}$	15 W
Power consumption $P_{1 \max}$	600 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	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon, metal-impregnated

Installation dimensions

Pipe connection on the discharge side DN_d	DN 50
Pipe connection on the suction side DN_s	DN 50
Port-to-port length L_0	280 mm

Dimensions and dimensions drawings

Yonos MAXO-D 50-0,5/12

