

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	10 bar
Head max $H_{max}$	0.0 m
Flow max $Q_{max}$	25.5 m <sup>3</sup> /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)	0.20
Mains connection	1~230 V ±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, synthetic resin-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 50/0,5-12

