

## Data sheet

### Hydraulic data

|                                    |                        |
|------------------------------------|------------------------|
| Maximum operating pressure $P_N$   | 10 bar                 |
| Head max $H_{max}$                 | 0.0 m                  |
| Flow max $Q_{max}$                 | 44.2 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 $T_{min}$   | -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 $I_{min}$         | 0.3 A  |
| Max current $I_{max}$         | 5.5 A  |
| Rated power $P_2$             | 1050 W   |
| Min. speed $n_{min}$          | 800 1/min  |
| Max. speed $n_{max}$          | 3300 1/min   |
| Power consumption $P_{1min}$  | 40 W   |
| Power consumption $P_{1max}$  | 1250 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     | PPE/PS-GF30     |
| Shaft        | Stainless steel |
| Bearing      | Carbon-graphite |

### 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 $L_0$                    | 340 mm |

Dimensions and dimensions drawings

Yonos MAXO 50/0,5-16

