

Data sheet

Hydraulic data

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|------------------------------------|------------------------|
| Maximum operating pressure P_N | 6 bar |
| Head max H_{max} | 0.0 m |
| Flow max Q_{max} | 62.0 m ³ /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

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|-------------------------------|--|
| 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} | 3.71 A |
| Rated power P_2 | 739 W |
| Min. speed n_{min} | 500 1/min |
| Max. speed n_{max} | 2350 1/min |
| Power consumption P_{1min} | 20 W |
| Power consumption P_{1max} | 850 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

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| Pipe connection on the suction side DN_s | DN 80 |
| Pipe connection on the discharge side DN_d | DN 80 |
| Port-to-port length L_0 | 360 mm |

Materials

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

Dimensions and dimensions drawings

Stratos MAXO 80/0,5-6 PN6-P1

