

# 12V BLDC PUMP (007002PUMOP12V)

## MAGNETIC PUMP - BRUSHLESS DC MOTOR

INLET DIAMETER 20 mm (3/4") BSPP

OUTLET DIAMETER 20 mm (3/4") BSPP

DEGREE OF PROTECTION IP65

INPUT VOLTAGE 12 V DC

MAX INPUT POWER 60 W

PUMP WEIGHT 1.8 kg

NPSH 4 m

IMPELLER DIAMETER 63 mm

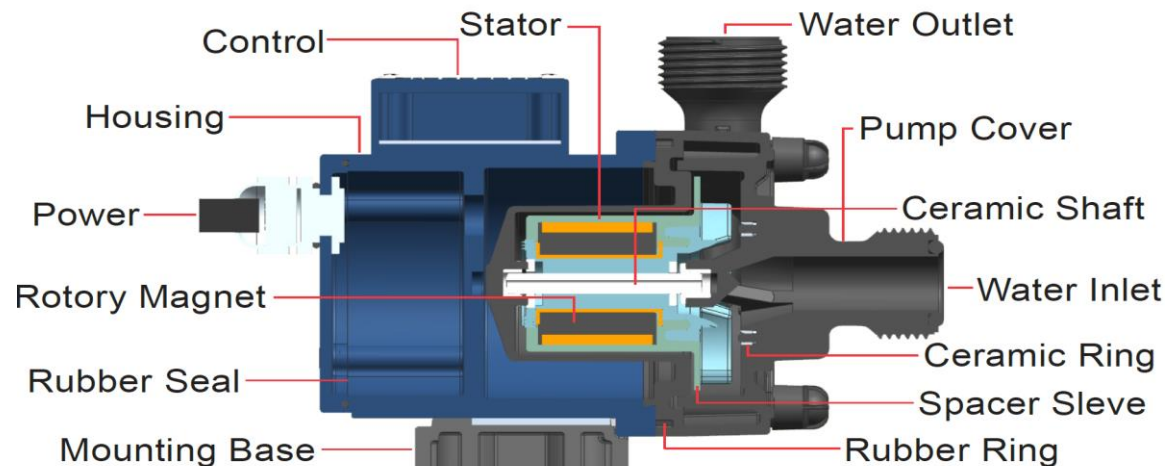
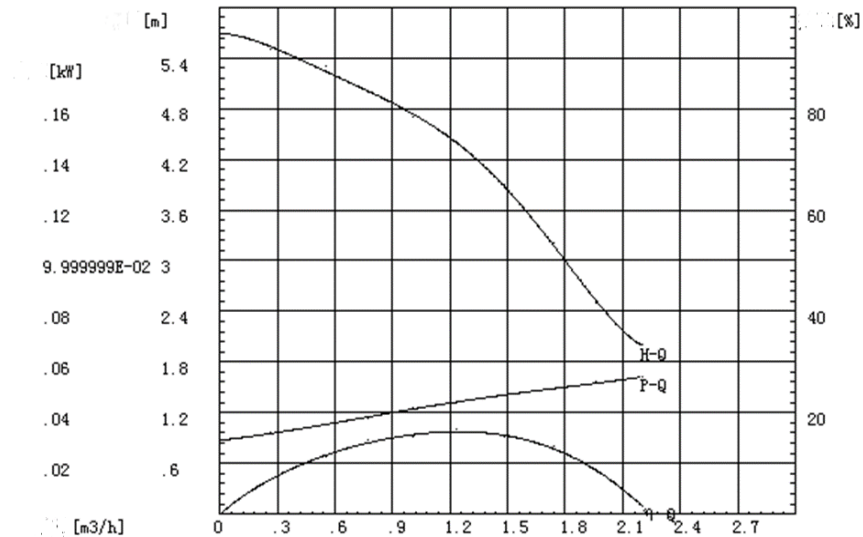
MAX OPERATING AIR TEMPERATURE 50°C

MAX SEAWATER TEMPERATURE 65°C

SEALING MATERIAL EPDM

PUMP BODY MATERIAL PP

AXIS/BEARING 99 ALUMINA CERAMICS



POTENTIOMETER 100% (max cooling capacity BTU/h: 16.000)

|                                                                                   |                |                     |                  |                |                         |                    |             |
|-----------------------------------------------------------------------------------|----------------|---------------------|------------------|----------------|-------------------------|--------------------|-------------|
|  |                | BLUE-AIRCO Srl      |                  |                | 007002PUMOP12V          | magnetic BLDC      |             |
|                                                                                   |                | water temp.         | barometric (kPa) |                | press. range (MPa)      | rated speed rpm    |             |
|                                                                                   |                | 20° C               | 101.3            |                | 0.4                     | 3200               |             |
|                                                                                   | flow<br>(m3/h) | input power<br>(kW) | speed<br>(r/min) | current<br>(A) | inlet pressure<br>(MPa) | outlet<br>pressure | head<br>(m) |
| 1                                                                                 | 2.20           | 0.050               | 3200.0           | 4.5            | 0.0000                  | 0.0200             | 2.00        |
| 2                                                                                 | 1.96           | 0.050               | 3200.0           | 4.3            | 0.0000                  | 0.0300             | 2.50        |
| 3                                                                                 | 1.74           | 0.050               | 3200.0           | 4.1            | 0.0000                  | 0.0300             | 3.20        |
| 4                                                                                 | 1.48           | 0.050               | 3200.0           | 3.9            | 0.0000                  | 0.0400             | 3.90        |
| 5                                                                                 | 1.23           | 0.040               | 3200.0           | 3.6            | 0.0000                  | 0.0400             | 4.40        |
| 6                                                                                 | 1.01           | 0.040               | 3200.0           | 3.5            | 0.0000                  | 0.0500             | 4.70        |
| 7                                                                                 | 0.77           | 0.040               | 3200.0           | 3.2            | 0.0000                  | 0.0500             | 5.00        |
| 8                                                                                 | 0.55           | 0.040               | 3200.0           | 2.9            | 0.0000                  | 0.0500             | 5.30        |
| 9                                                                                 | 0.26           | 0.030               | 3200.0           | 2.7            | 0.0000                  | 0.0600             | 5.50        |

