

Data: 24/10/2022

**82082100000: BSM2V 2MXV-B 32-404/A-EMT**

## PUMP AND MOTOR DATA

|                                    |       |                                     |           |
|------------------------------------|-------|-------------------------------------|-----------|
| <b>n (rpm):</b>                    | 2900  | <b>Motor phase:</b>                 | 3~        |
| <b>N. of impellers:</b>            | 4     | <b>Un (V):</b>                      | 230/400   |
| <b>Max working pressure (bar):</b> | 16    | <b>fn (Hz):</b>                     | 50        |
| <b>H max (m):</b>                  | 41.50 | <b>Poles:</b>                       | 2         |
| <b>H min (m):</b>                  | 14.50 | <b>In (A):</b>                      | 4.6 / 2.7 |
| <b>Q min (mc/h):</b>               | 2.50  | <b>PF:</b>                          | 0.80      |
| <b>Q max (mc/h):</b>               | 8.00  | <b>Insulation class:</b>            | F         |
| <b>Pn (kW):</b>                    | 1.10  | <b>Duty:</b>                        | S1        |
| <b>Pn (HP):</b>                    | 1.50  | <b>Min liquid temperature (°C):</b> | -15.00 °C |
| <b>Impeller diameter (mm):</b>     | 98.50 | <b>IE:</b>                          | IE3-82.7  |
| <b>2nd impeller diameter (mm):</b> | 0.00  | <b>Weight (kg):</b>                 | 25.372    |
| <b>Motor type:</b>                 | IM    | <b>Ingress protection (IP):</b>     | IP 54     |

## MATERIALS

|                                     |  |                         |  |
|-------------------------------------|--|-------------------------|--|
| <b>External Jacket:</b>             | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>Lower Cover:</b>     | Cr-Ni steel 1.4301 EN 10088 (AISI 304) |
| <b>Pump Casing:</b>                 | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>Upper Cover:</b>     | Cr-Ni steel 1.4301 EN 10088 (AISI 304) |
| <b>Suction Casing:</b>              | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>Spacer Sleeve:</b>   | Cr-Ni steel 1.4301 EN 10088 (AISI 304) |
| <b>Delivery Casing:</b>             | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>Shaft:</b>           | Cr-Ni steel 1.4305 EN 10088 (AISI 303) |
| <b>Stage Casing:</b>                | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>Mechanical Seal:</b> | Ceramic Alumina-Carbon-EPDM            |
| <b>Impeller:</b>                    | Cr-Ni steel 1.4301 EN 10088 (AISI 304) | <b>O-ring:</b>          | NBR                                    |
| <b>Wear ring impeller-diffuser:</b> | PTFE                                   |                         |  |

## GROUP DATA

|                                      |               |                        |         |
|--------------------------------------|---------------|------------------------|---------|
| <b>Number of pumps:</b>              | 2             | <b>Control panel:</b>  | QM2V16A |
| <b>Fixed speed / Variable speed:</b> | V variable    | <b>Power supply:</b>   | 1.1 x 2 |
| <b>Inverter type:</b>                | EASYMAT 9,2MT | <b>Supply voltage:</b> | 230     |

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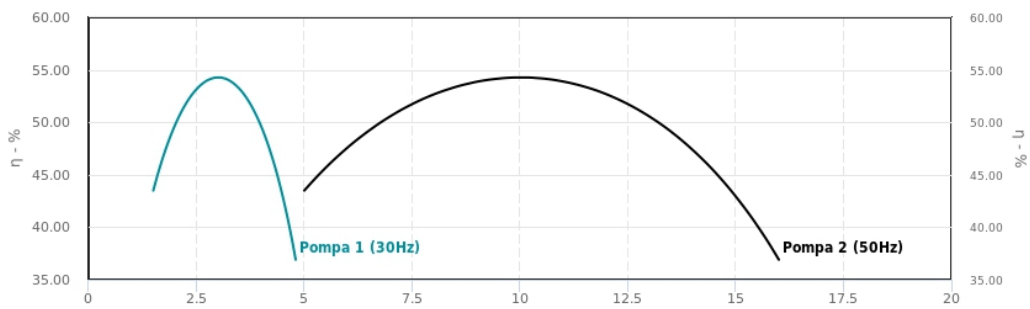
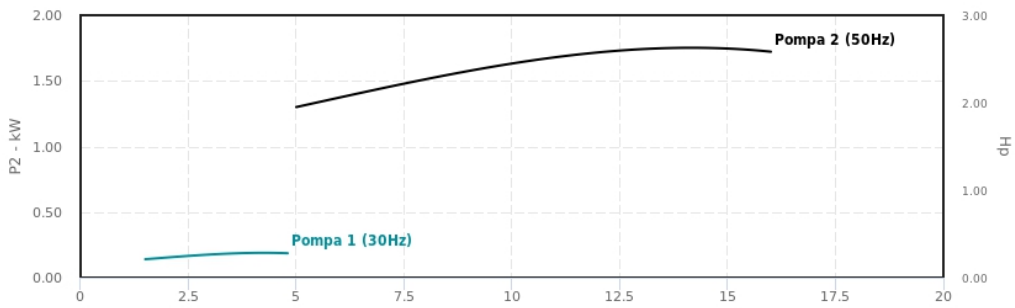
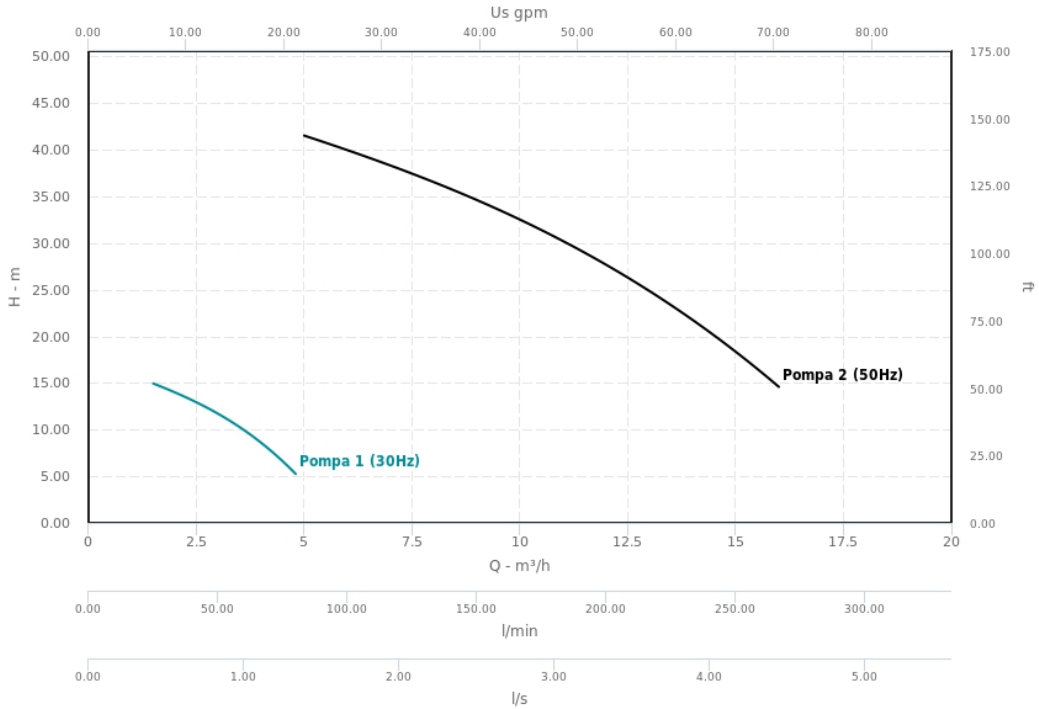
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## BOOSTER SET MATERIALS

|                             |                                |                             |                      |
|-----------------------------|--------------------------------|-----------------------------|----------------------|
| <b>Manifolds:</b>           | AISI304, Nickel-plated brass   | <b>Fittings:</b>            | Brass                |
| <b>Interception pans:</b>   | Nickel-plated brass, PTFE      | <b>Anti-vibration feet:</b> | NBR                  |
| <b>Non-return valve:</b>    | Nickel-plated brass, PTFE, NBR | <b>Gaskets:</b>             | NBR                  |
| <b>Pressure switch:</b>     | -                              | <b>Base:</b>                | S235JR Nickel-plated |
| <b>Pressure transducer:</b> | AISI 316                       |                             |                      |

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## DIMENSIONS (MM)

- a:** 340 mm.
- fg:** 544 mm.
- h2:** 477 mm.
- h3:** 119 mm.
- h5:** 743 mm.
- l6:** 625 mm.
- lc:** 600 mm.
- m4:** 365 mm.
- dn1:** G2
- dn2:** G2

