

Data: 24/01/2023

82034510000: BS2F 2MXV-B 40-906 O

## PUMP AND MOTOR DATA

<b>n (rpm):</b>	2900	<b>Motor phase:</b>	3~
<b>N. of impellers:</b>	6	<b>Un (V):</b>	230/400
<b>H max (m):</b>	65.00	<b>fn (Hz):</b>	50
<b>H min (m):</b>	31.00	<b>Poles:</b>	2
<b>Q min (mc/h):</b>	5.00	<b>In (A):</b>	9.2 / 5.3
<b>Q max (mc/h):</b>	13.00	<b>Insulation class:</b>	F
<b>Pn (kW):</b>	2.20	<b>Duty:</b>	S1
<b>Pn (HP):</b>	3.00	<b>Min liquid temperature (°C):</b>	-15.00 °C
<b>Impeller diameter (mm):</b>	100.50	<b>IE:</b>	IE3-85.9
<b>2nd impeller diameter (mm):</b>	0.00	<b>Weight (kg):</b>	35.200
<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>	QTL/A2D12A-FA
<b>Fixed speed / Variable speed:</b>	V fissa	<b>Power supply:</b>	2.2 x 2
		<b>Supply voltage:</b>	400

## BOOSTER SET MATERIALS

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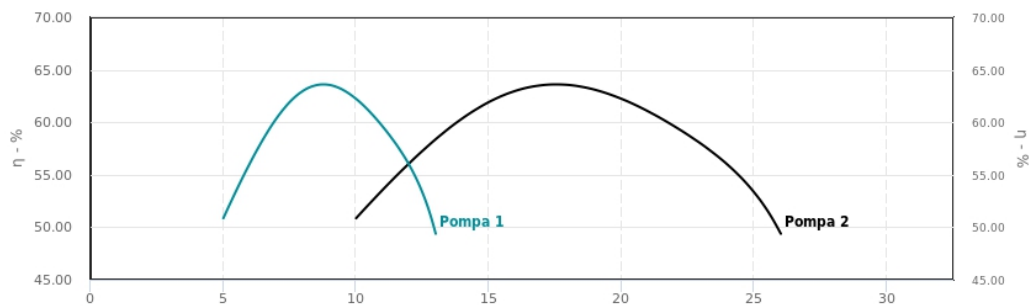
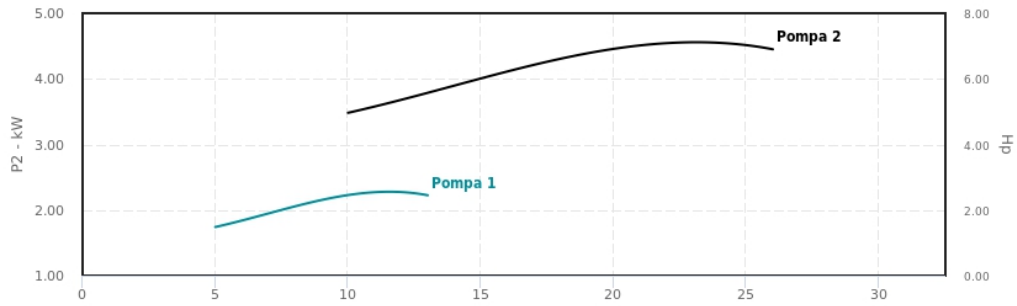
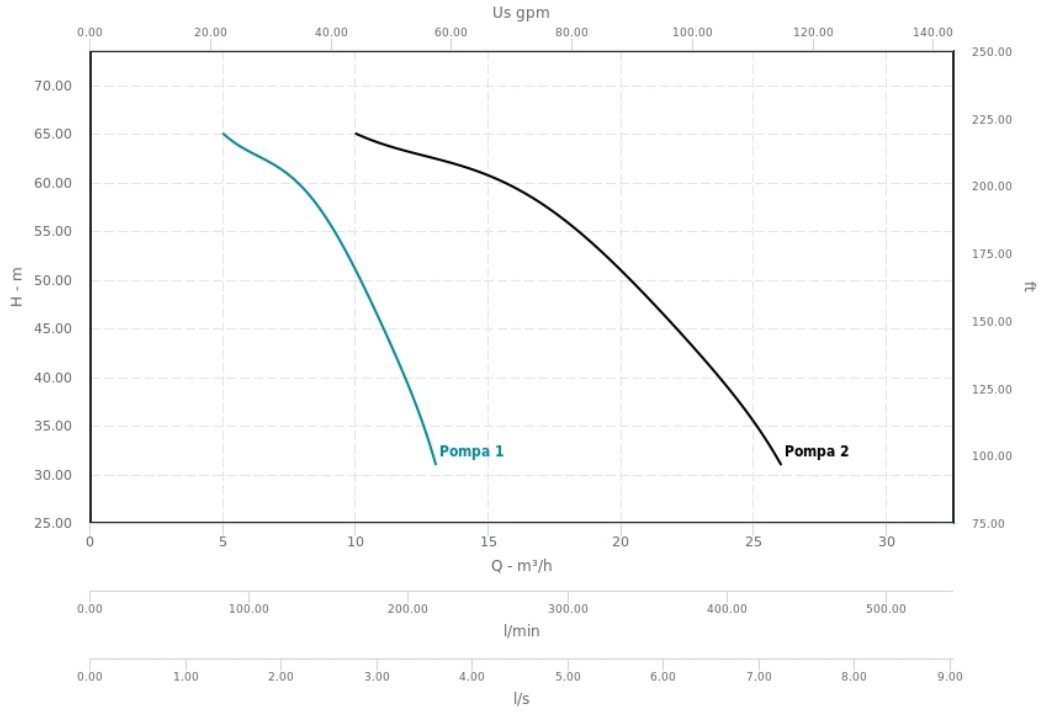
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<b>Manifolds:</b>	AISI304, Nickel-plated brass	<b>Fittings:</b>	Brass, Galvanized steel, AISI304
<b>Interception pans:</b>	Nickel-plated brass, PTFE	<b>Anti-vibration feet:</b>	NBR
<b>Non-return valve:</b>	Nickel-plated brass, PTFE, NBR	<b>Gaskets: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

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## DIMENSIONS (MM)

- a:** 305 mm.
- fg:** 705 mm.
- h2:** 245 mm.
- h3:** 124 mm.
- h8:** 875 mm.
- l6:** 625 mm.
- l7:** 195 mm.
- lc:** 600 mm.
- dn1:** G2 ½
- dn2:** G2 ½

