

Data: 18/01/2023

**52C19211000: MXV 40-919**

## PUMP AND MOTOR DATA

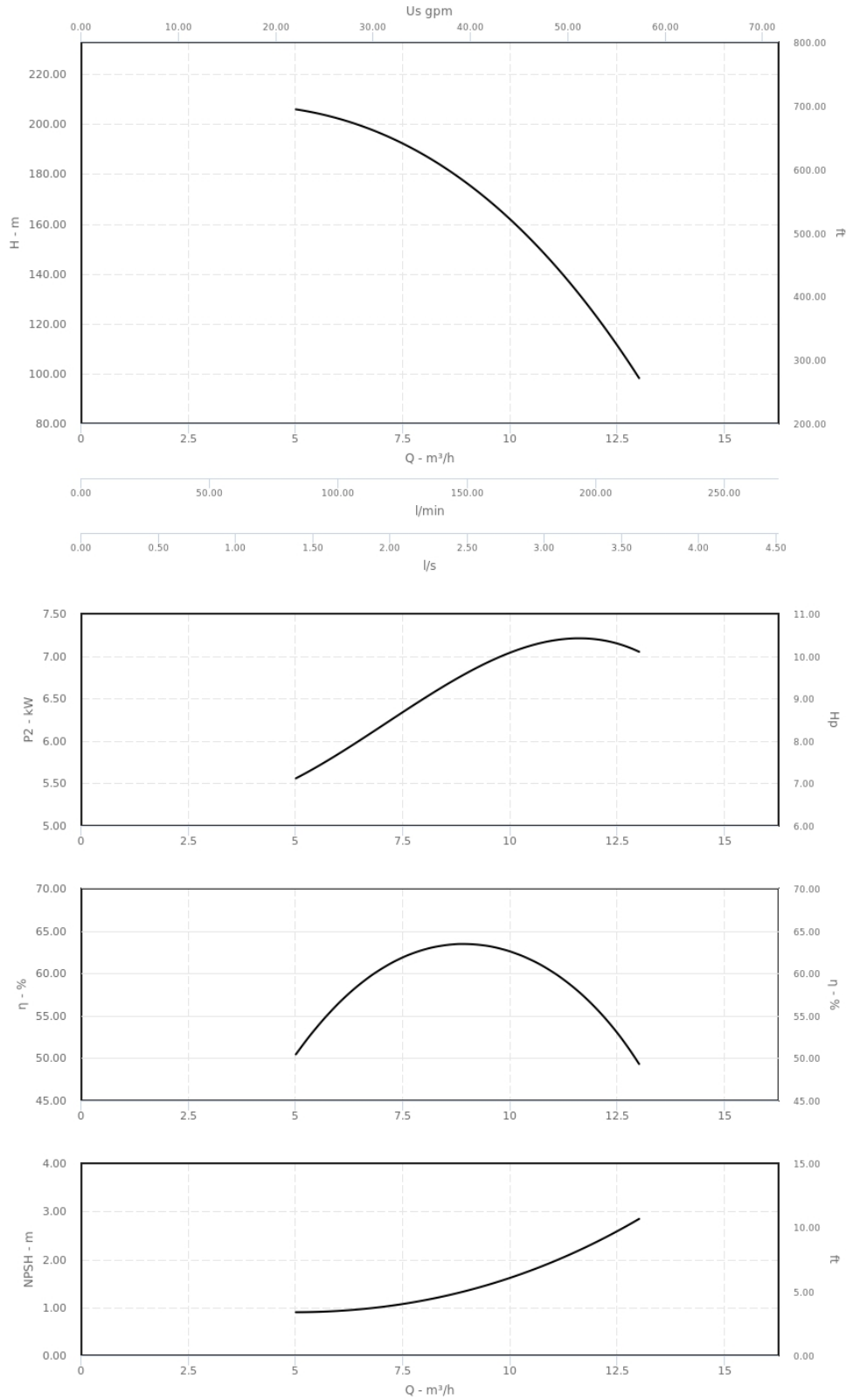
<b>n (rpm):</b>	2900	<b>Motor type:</b>	IM
<b>N. of impellers:</b>	19	<b>Motor phase:</b>	3~
<b>H max (m):</b>	206.00	<b>Un (V):</b>	400/690
<b>H min (m):</b>	99.00	<b>fn (Hz):</b>	50
<b>Q min (mc/h):</b>	5.00	<b>Poles:</b>	2
<b>Q max (mc/h):</b>	13.00	<b>Duty:</b>	S1
<b>Pn (kW):</b>	7.50	<b>Min liquid temperature (°C):</b>	-15.00 °C
<b>Pn (HP):</b>	10.00	<b>Weight (kg):</b>	96.300
<b>Impeller diameter (mm):</b>	100.50		

## 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>Suction Flange:</b>	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	<b>Shaft:</b>	Cr-Ni steel 1.4305 EN 10088 (AISI 303)
<b>Delivery Casing:</b>	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	<b>Mechanical Seal:</b>	Hard Metal-Carbon-EPDM
<b>Stage Casing:</b>	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	<b>O-ring:</b>	NBR
<b>Impeller:</b>	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	<b>Bearing Sleeve:</b>	Corrosion-resistant-Cemented carbide
<b>Wear ring impeller-diffuser:</b>	PTFE	<b>Bearing in the casing:</b>	Ceramic alumina

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## DIMENSIONS (MM)

**dn1:** 40  
**dn2:** 40  
**f:** 950.00 mm  
**a:** 280.00 mm  
**m1:** 190.00 mm  
**m2:** 130.00 mm  
**n1:** 250.00 mm  
**n2:** 215.00 mm  
**fM:** 1289.00 mm  
**s:** 14  
**g1:** 30.50 mm  
**h1:** 80.00 mm  
**AD:** 159.50 mm  
**M:** 339.00 mm  
**P:** 300

