

Data: 06/12/2023

**61200242000: BNMD 40/180C/A**

## PUMP AND MOTOR DATA

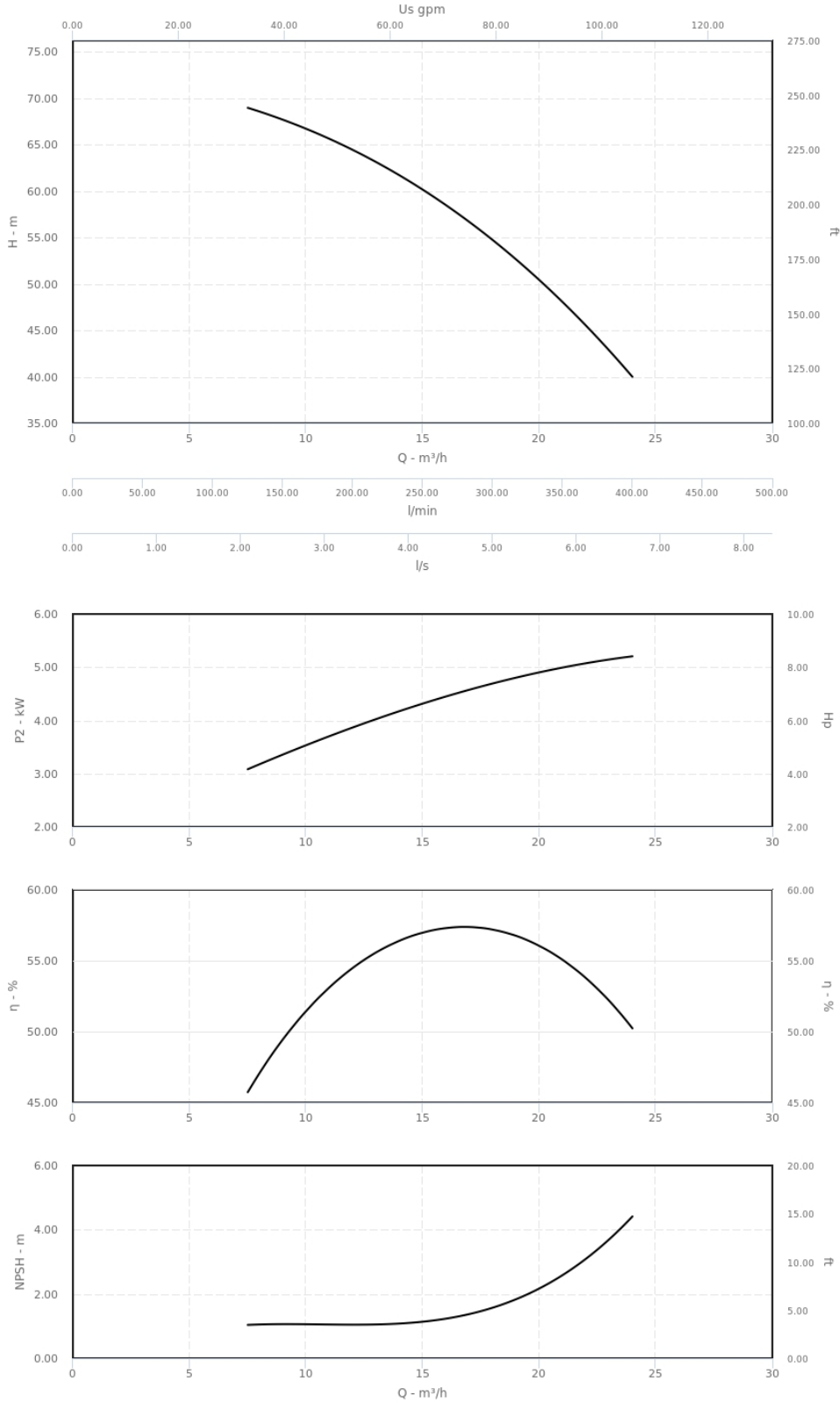
<b>n (rpm):</b>	2900	<b>Un (V):</b>	400/690
<b>N. of impellers:</b>	2	<b>fn (Hz):</b>	50
<b>H max (m):</b>	69.00	<b>Poles:</b>	2
<b>H min (m):</b>	40.00	<b>In (A):</b>	10.8 / 6.2
<b>Q min (mc/h):</b>	7.50	<b>PF:</b>	0.84
<b>Q max (mc/h):</b>	24.00	<b>Insulation class:</b>	F
<b>Pn (kW):</b>	5.50	<b>Duty:</b>	S1
<b>Pn (HP):</b>	7.50	<b>Min liquid temperature (°C):</b>	-10.00 °C
<b>Impeller diameter (mm):</b>	168.00	<b>IE:</b>	IE3-89.2
<b>Motor type:</b>	IM	<b>Weight (kg):</b>	76.000
<b>Motor phase:</b>	3~	<b>ingress protection (IP):</b>	IP 54

## MATERIALS

<b>Pump Casing:</b>	Bronze G-Cu Sn 10 EN 1982	<b>Shaft:</b>	Cr-Ni-Mo steel 1.4401 EN 10088 (AISI 316)
<b>Lantern Bracket:</b>	Bronze G-Cu Sn 10 EN 1982	<b>Mechanical Seal:</b>	Carbon-Ceramic-NBR
<b>Impeller:</b>	Brass P-Cu Zn 40 Pb 2 UNI 5705		

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## DIMENSIONS (MM)

**dn1:** G 2"  
**dn2:** G 1 1/2"  
**a:** 119.00 mm  
**m4:** 280.00 mm  
**m5:** 250.00 mm  
**n4:** 258.00 mm  
**n5:** 190.00 mm  
**b1:** 68.00 mm  
**fM:** 556.00 mm  
**s2:** 12  
**l1:** 145.00 mm  
**l2:** 145.00 mm  
**g2:** 38.00 mm  
**h1:** 150.00 mm  
**h2:** 215.00 mm  
**HD:** 312.00 mm  
**w:** 134.00 mm  
**w1:** 15.00 mm

