

Data: 29/11/2022

**61000292001: BNM 20/160A-60/A**

## PUMP AND MOTOR DATA

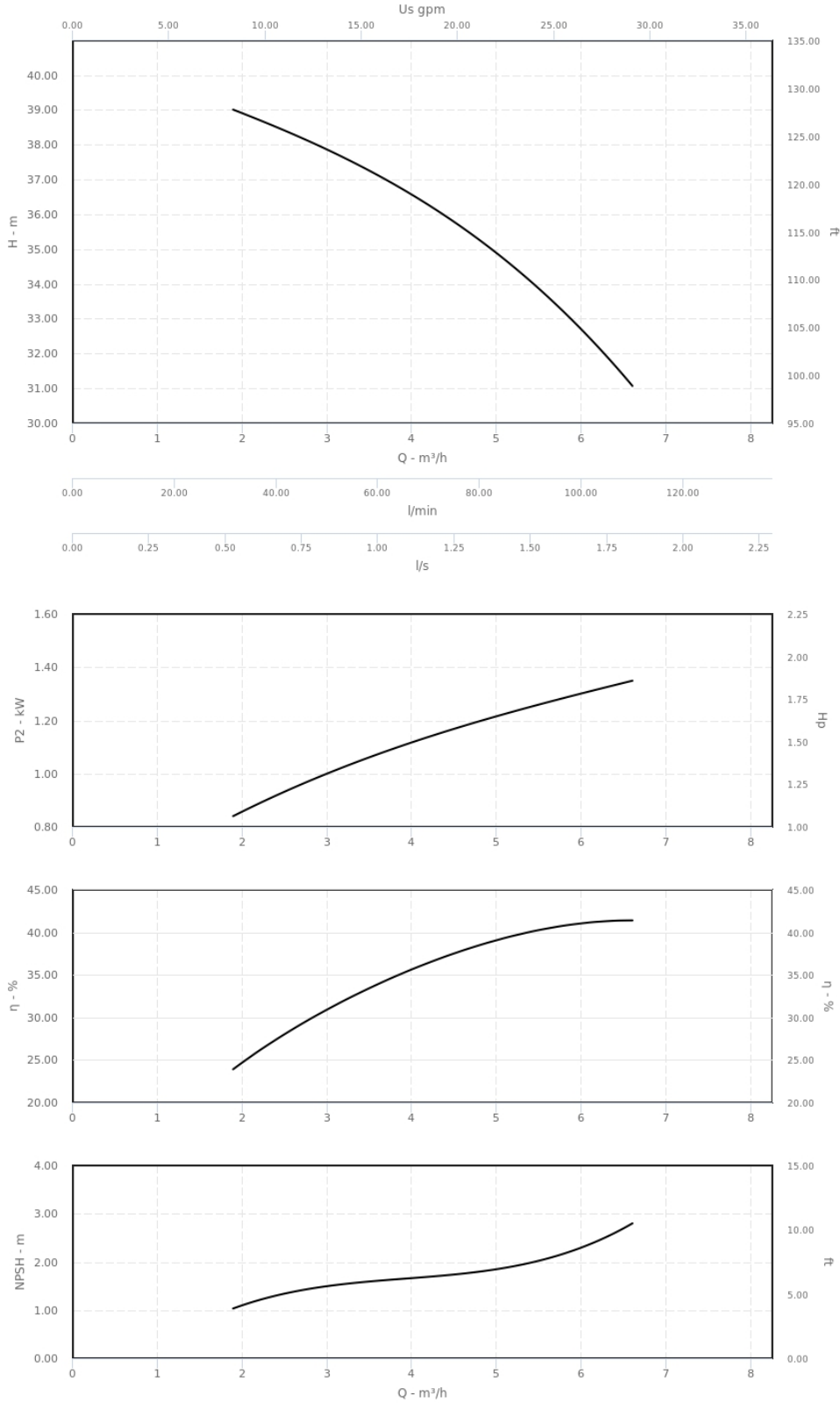
<b>n (rpm):</b>	3450	<b>Un (V):</b>	220/380
<b>N. of impellers:</b>	1	<b>fn (Hz):</b>	60
<b>H max (m):</b>	39.00	<b>Poles:</b>	2
<b>H min (m):</b>	31.00	<b>In (A):</b>	5.7 / 3.3
<b>Q min (mc/h):</b>	1.89	<b>PF:</b>	0.80
<b>Q max (mc/h):</b>	6.60	<b>Insulation class:</b>	F
<b>Pn (kW):</b>	1.10	<b>Duty:</b>	S1
<b>Pn (HP):</b>	1.50	<b>Min liquid temperature (°C):</b>	-10.00 °C
<b>Impeller diameter (mm):</b>	139.00	<b>IE:</b>	IE3-84.0
<b>Motor type:</b>	IM	<b>Weight (kg):</b>	22.172
<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 1 1/4  
**dn2:** G 3/4  
**a:** 53.00 mm  
**m1:** 37.50 mm  
**m2:** 27.50 mm  
**n1:** 190.00 mm  
**n2:** 150.00 mm  
**n3:** 30.00 mm  
**b:** 38.00 mm  
**fM:** 375.00 mm  
**l1:** 102.00 mm  
**l2:** 102.00 mm  
**g1:** 10.00 mm  
**h1:** 100.00 mm  
**h2:** 150.00 mm  
**HD:** 228.00 mm  
**w:** 246.00 mm

