

Data: 11/04/2023

70820041000: CA 91/B

## PUMP AND MOTOR DATA

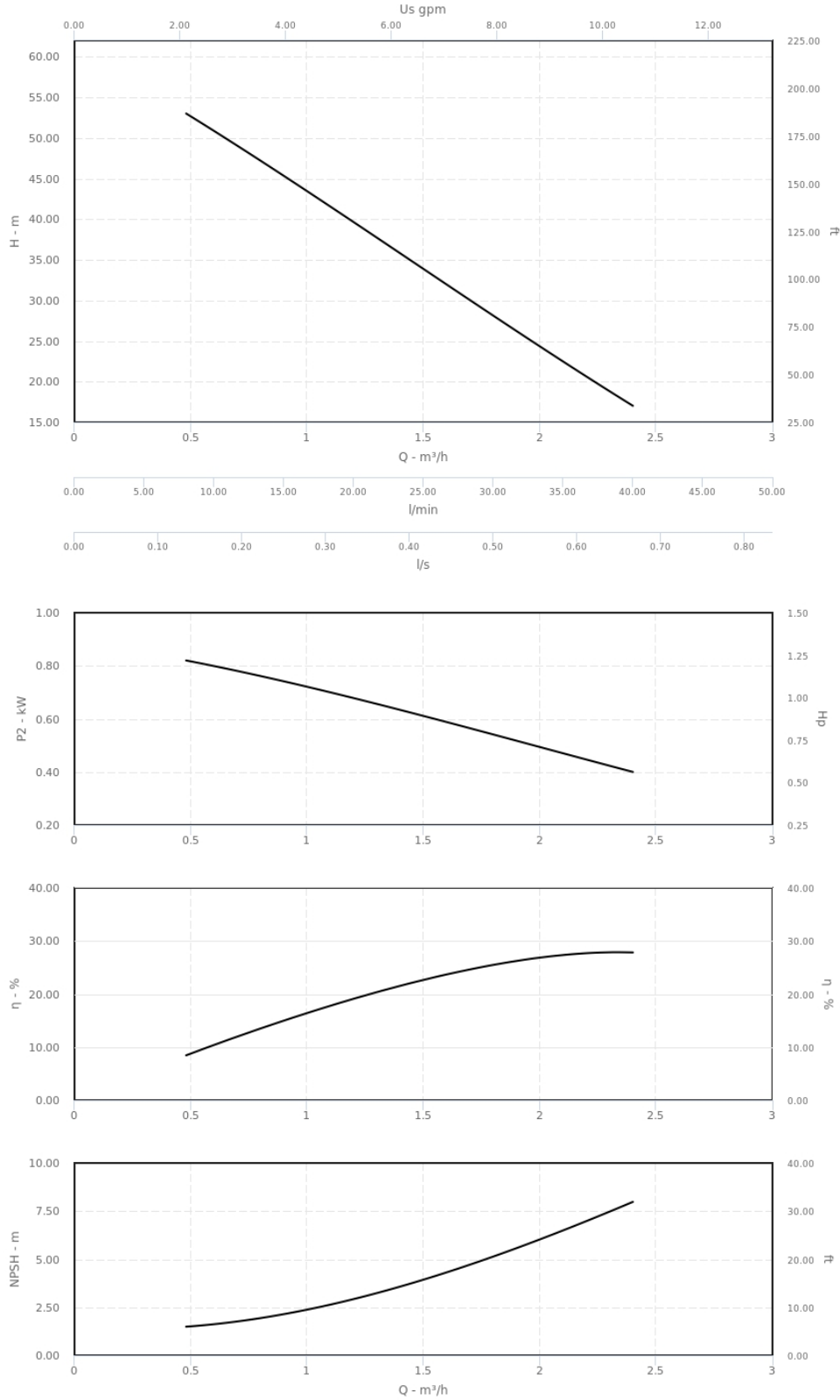
<b>n (rpm):</b>	2900	<b>Un (V):</b>	230/400
<b>N. of impellers:</b>	1	<b>fn (Hz):</b>	50
<b>H max (m):</b>	53.00	<b>Poles:</b>	2
<b>H min (m):</b>	17.00	<b>In (A):</b>	3.7 / 2.2
<b>Q min (mc/h):</b>	0.48	<b>PF:</b>	0.80
<b>Q max (mc/h):</b>	2.40	<b>Insulation class:</b>	F
<b>Pn (kW):</b>	0.75	<b>Duty:</b>	S1
<b>Pn (HP):</b>	1.00	<b>Min liquid temperature (°C):</b>	-10.00 °C
<b>Impeller diameter (mm):</b>	89.70	<b>IE:</b>	IE3-80.7
<b>Motor type:</b>	IM	<b>Weight (kg):</b>	12.070
<b>Motor phase:</b>	3~	<b>ingress protection (IP):</b>	IP 54

## MATERIALS

<b>Pump Casing:</b>	Cast iron GJL 200 EN 1561	<b>Shaft:</b>	Chrome steel 1.4104 EN 10088 (AISI 430F)
<b>Lantern Bracket:</b>	Cast iron GJL 200 EN 1561	<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  
**dn2:** G 1  
**a:** 84.00 mm  
**a1:** 28.00 mm  
**fM:** 318.00 mm  
**l3:** 21.00 mm  
**h1:** 142.00 mm  
**h2:** 41.00 mm  
**AB:** 134.00 mm  
**HD:** 182.00 mm  
**B:** 90.00 mm  
**BB:** 106.00 mm  
**H:** 71.00 mm  
**A:** 112.00 mm  
**AA:** 22.00 mm  
**HA:** 10.00 mm  
**w:** 128.00 mm

