

Data: 15/11/2021

**70M00410001: NR 50D-60/A**

## PUMP AND MOTOR DATA

<b>n (rpm):</b>	3450	<b>Un (V):</b>	220/380
<b>Max working pressure (bar):</b>	10	<b>fn (Hz):</b>	60
<b>H max (m):</b>	11.70	<b>Poles:</b>	2
<b>H min (m):</b>	5.50	<b>In (A):</b>	2.8 / 1.6
<b>Q min (mc/h):</b>	6.00	<b>PF:</b>	0.83
<b>Q max (mc/h):</b>	13.20	<b>Insulation class:</b>	F
<b>Pn (kW):</b>	0.45	<b>Duty:</b>	S1
<b>Pn (HP):</b>	0.60	<b>Min liquid temperature (°C):</b>	-10.00 °C
<b>Impeller diameter (mm):</b>	92.00	<b>la/In:</b>	3.50
<b>Motor type:</b>	IM	<b>Weight (kg):</b>	21.100
<b>Motor phase:</b>	3~		

## MATERIALS

<b>Pump Casing:</b>	Cast iron GJL 200 EN 1561	<b>Shaft:</b>	Cr-Ni steel 1.4305 EN 10088 (AISI 303)
<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	<b>Counter Flanges:</b>	Steel S235JR 1.0038 EN 10025-2

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