
	<b>Product Information</b> <b>WLT80-5/1.5</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/08
		Client Name	DPA
Project Name		Client Addr.	
Item NO		Contacts	Alireza
		Contact	

Part NO.	1100050112
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Product Picture	Note
	<p>Non-self-priming, single stage, single suction, horizontal, axial suction and radical discharge.</p> <p>Motor is fixed with a baseplate, and the pump is easily to be installed for no support for pump body.</p> <p>Back-pull-out desiagn, easy to maintain.</p> <p>Pump shaft is the same one as motor shaft, small volume and light weight.</p> <p>The impeller and pump body are designed through excellent hydraulic calculation.The optimum working condition of pump is set according to market demand, high efficiency.</p> <p>The main parts like impellers and casings are made of stainless steel.</p> <p>Castings adopt resin sand casting process, bright and clean surface, good appearance, compact structure</p>

#### Material

Impeller	304
Pump body	HT200
Rubber code	NBR
Material Code	S

#### Installation

Connection Code	F
Installation type	horizontal
Maximum Operation Pressure	6Bar

#### Medium

Liquid Temperature Range	-15~+100
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#### Structure dimension

Inlet & outlet size types	DN
Inlet Bore	80
Outlet Diameter	80
Rotation Direction	Anti-clockwise rotation viewing from inlet

#### Motor


Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	1.5
Power Frequency	50Hz
Rated Voltage (V)	380V

#### Seal

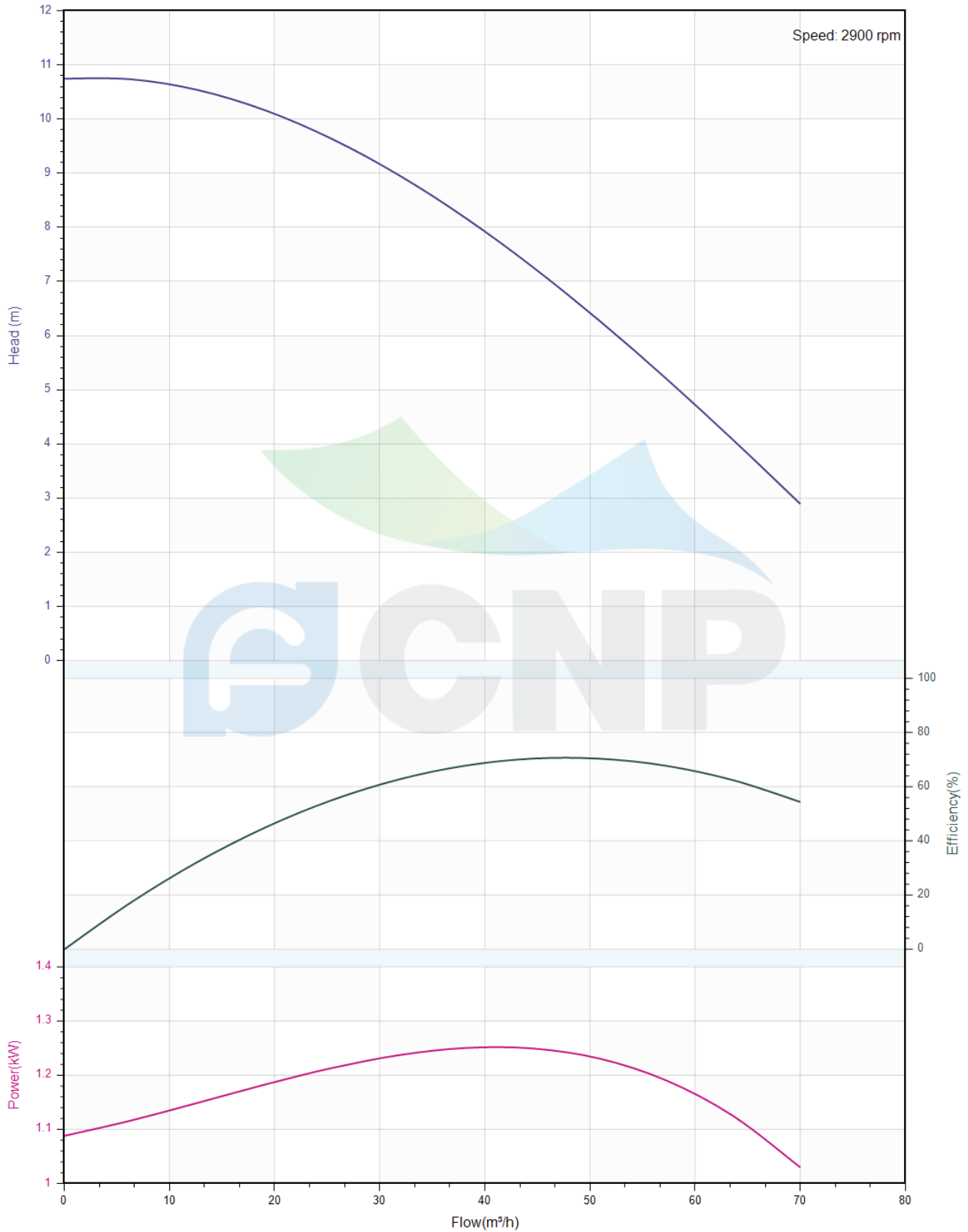
Mechanical Seal	NISO(BIA)-18/BSE4
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#### Others

Weight (kg)	36.5
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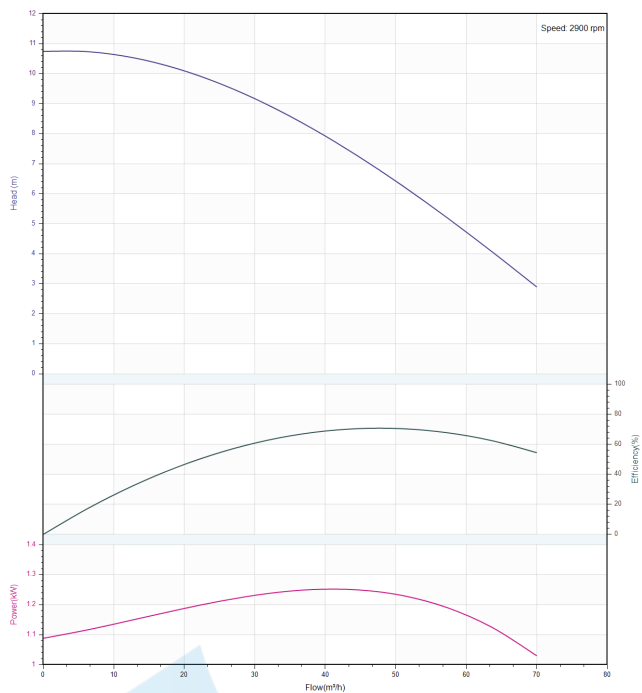
	<b>Performance Curve</b> <b>WLT80-5/1.5</b>	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. ISO9906:2012 Grade 3B



	<b>Pump Technical Parameters</b> <b>WLT80-5/1.5</b>	Manufacturer	CNP
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Rated parameters	
Pump model	WLT80-5/1.5
Part NO.	1100050112
Rated flow (m³/h)	55
Rated head (m)	5
Rated efficiency (%)	67.3
Power (kW)	1.5
Speed (rpm)	2900
Max impeller diameter (mm)	101.6
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	<b>Structure picture</b> <b>WLT80-5/1.5</b>	Manufacturer	CNP
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