

	Product Information WLT100-5/2.2	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.	1100050114
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Product Picture	Note
	Non-self-priming, single stage, single suction, horizontal, axial suction and radical discharge. Motor is fixed with a baseplate, and the pump is easily to be installed for no support for pump body. Back-pull-out desiagn, easy to maintain. Pump shaft is the same one as motor shaft, small volume and light weight. 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. The main parts like impellers and casings are made of stainless steel. Castings adopt resin sand casting process, bright and clean surface, good appearance, compact structure

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	100
Outlet Diameter	100
Rotation Direction	Anti-clockwise rotation viewing from inlet

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	2.2
Power Frequency	50Hz
Rated Voltage (V)	380V

Seal

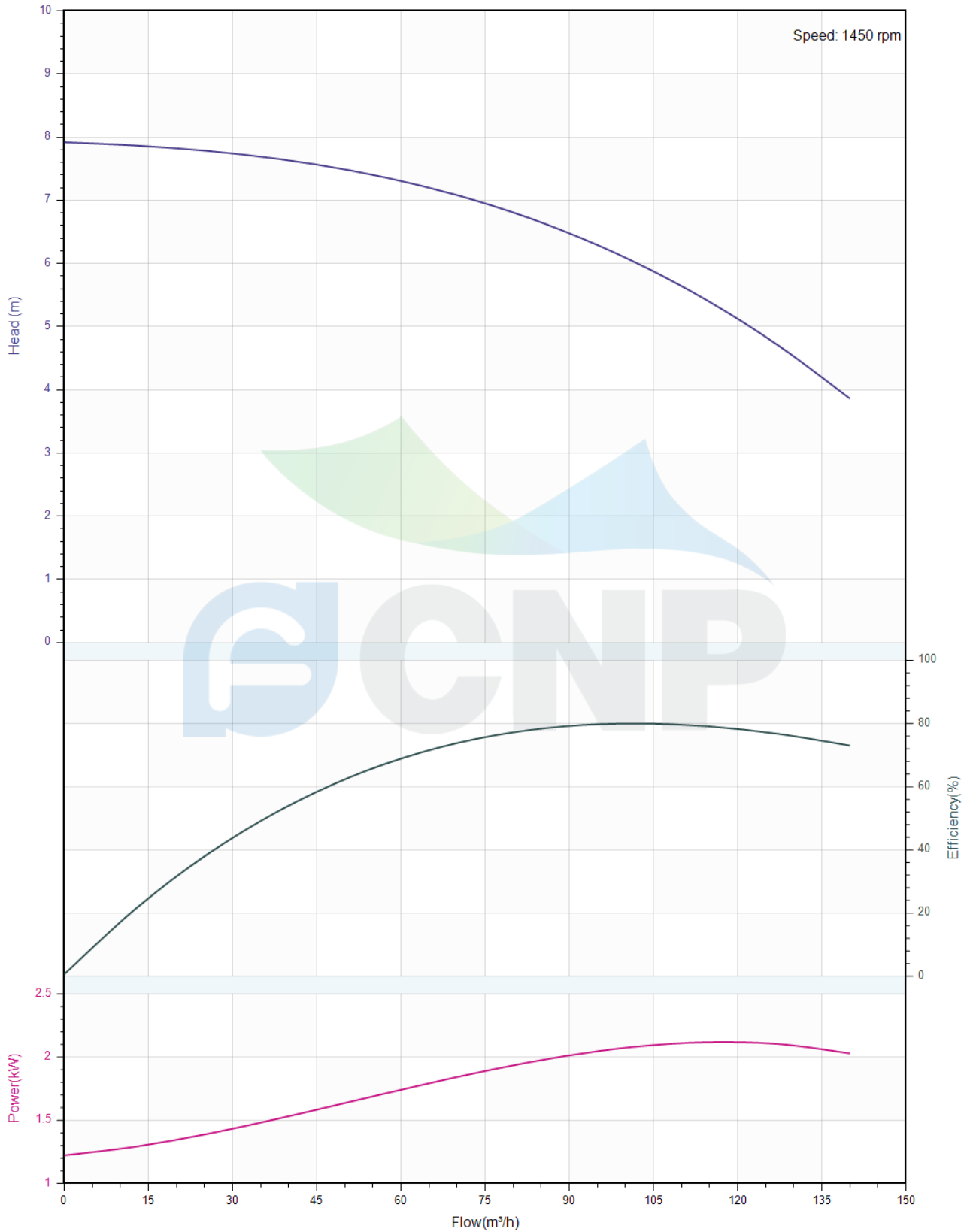
Mechanical Seal	TDS-28/BSP4
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Others

Weight (kg)	60
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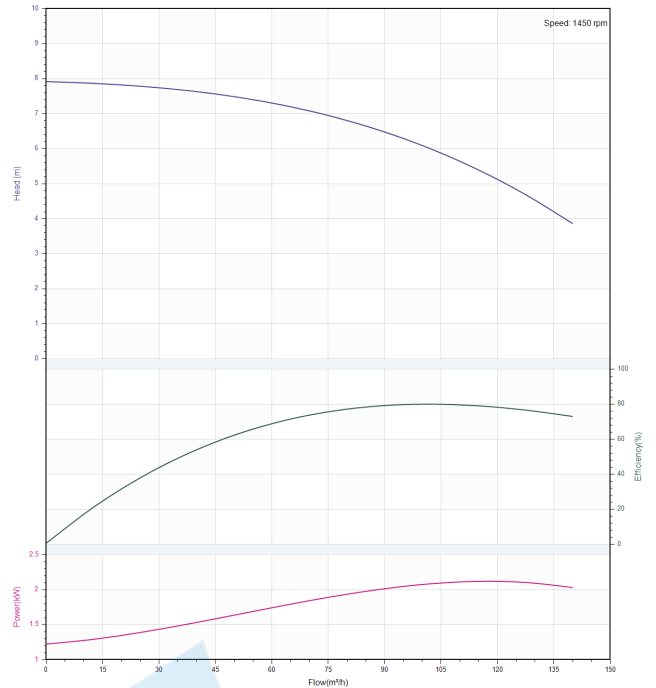
	Performance Curve WLT100-5/2.2	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B



	Pump Technical Parameters WLT100-5/2.2	Manufacturer	CNP
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Rated parameters	
Pump model	WLT100-5/2.2
Part NO.	1100050114
Rated flow (m³/h)	120
Rated head (m)	5
Rated efficiency (%)	77
Power (kW)	2.2
Speed (rpm)	1450
Max impeller diameter (mm)	166.3
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Structure picture WLT100-5/2.2	Manufacturer	CNP
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