

	Product Information CDL42-120	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/05
Project Name		Client Name	DPA
		Client Addr.	
Item NO		Contacts	Alireza
		Contact	

Part NO.	1100016651
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Product Picture	Note
	Non-self-priming vertical multistage centrifugal pump, the motor shaft through the coupling shaft is coupled directly to the impeller vanes made of stainless steel plate stamping and welding or precision casting made of stainless steel, the pump inlet and outlet of the pump bottom at the same line (it can be equipped with IEC or NEMA motors).

technology

Pump rotator speed	2900
Nameplate standards	CE
Pump version	2

Material

Impeller	304
Rubber code	P
Inlet&outlet chamber	304
Material Code	S

Installation

Connection Code	F
Maximum Pressure/Temperatur	25 bar / 120
Maximum Pressure/Temperatur	25 bar / -15
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN80

Medium

Medium Temperature normal	-15+70
Medium Temperature high t	-15+120
Maximum Environment Temper	40

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	45KW
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	80.8A
Energy Efficiency Level	IE3

Seal

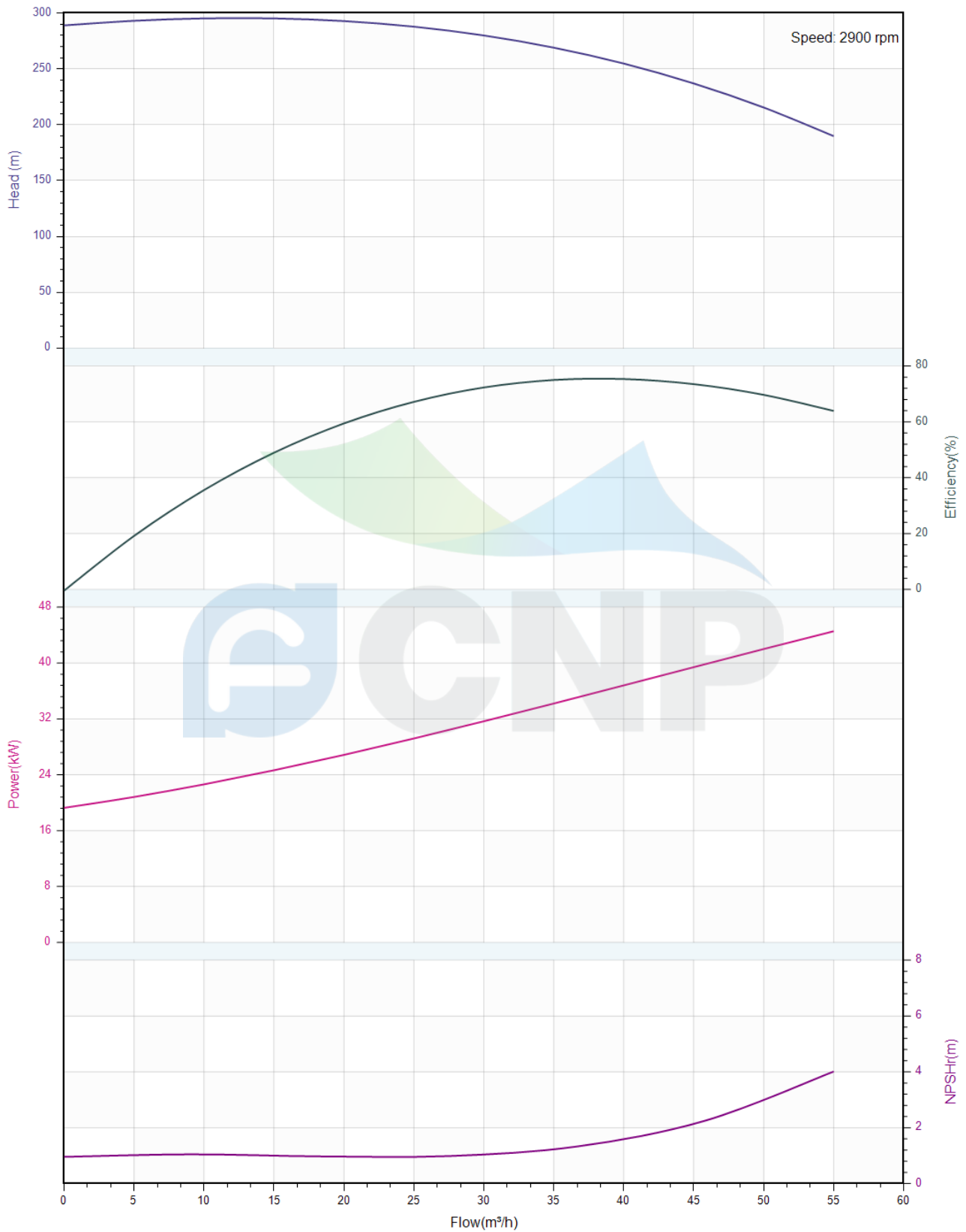
Mechanical Seal	CDLA-22/WBF14
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Others

Weight (kg)	432
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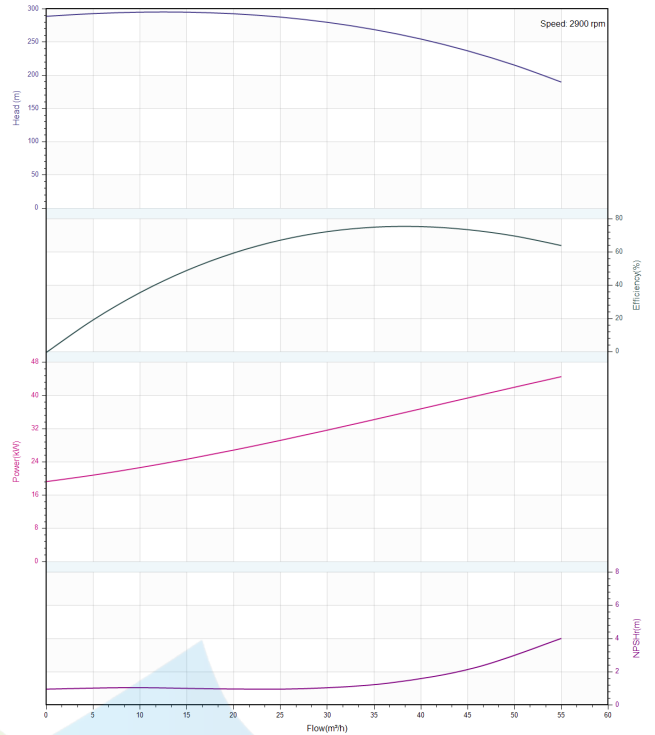
	Performance Curve CDL42-120	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B



	Pump Technical Parameters CDL42-120	Manufacturer	CNP
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Rated parameters	
Pump model	CDL42-120
Part NO.	1100016651
Rated flow (m³/h)	42
Rated head (m)	247
Rated efficiency (%)	69.8
Power (kW)	40.5
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	136
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Structure picture CDL42-120	Manufacturer	CNP
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	Dimension Drawing CDL42-120	Manufacturer	CNP
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