




**Product Information**  
**CDM120-5-2**

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/28
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Part NO.	1100106299
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Product Picture	Note
	<p>CDM/CDMF pumps are new generation, high efficiency, non-self-priming vertical multistage centrifugal pumps (Abbr. as pumps). It referred to European standard, adopted entirely new industrial design, efficiency achieved <math>MEI \geq 0.7</math>. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.</p>

**Nameplate parameters**

flow	120 m <sup>3</sup> /h
head	90 m
Efficiency	74.7
speed	2950
number of stages	5

**technology**

Pump rotator speed	2950
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/Temperatu	25 bar / 120 °C
Maximum Pressure/Temperatu	25 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN125

**Medium**

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

**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



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**Seal**

Mechanical Seal CDLA-32/WBF14

**Others**

Weight (kg) 470





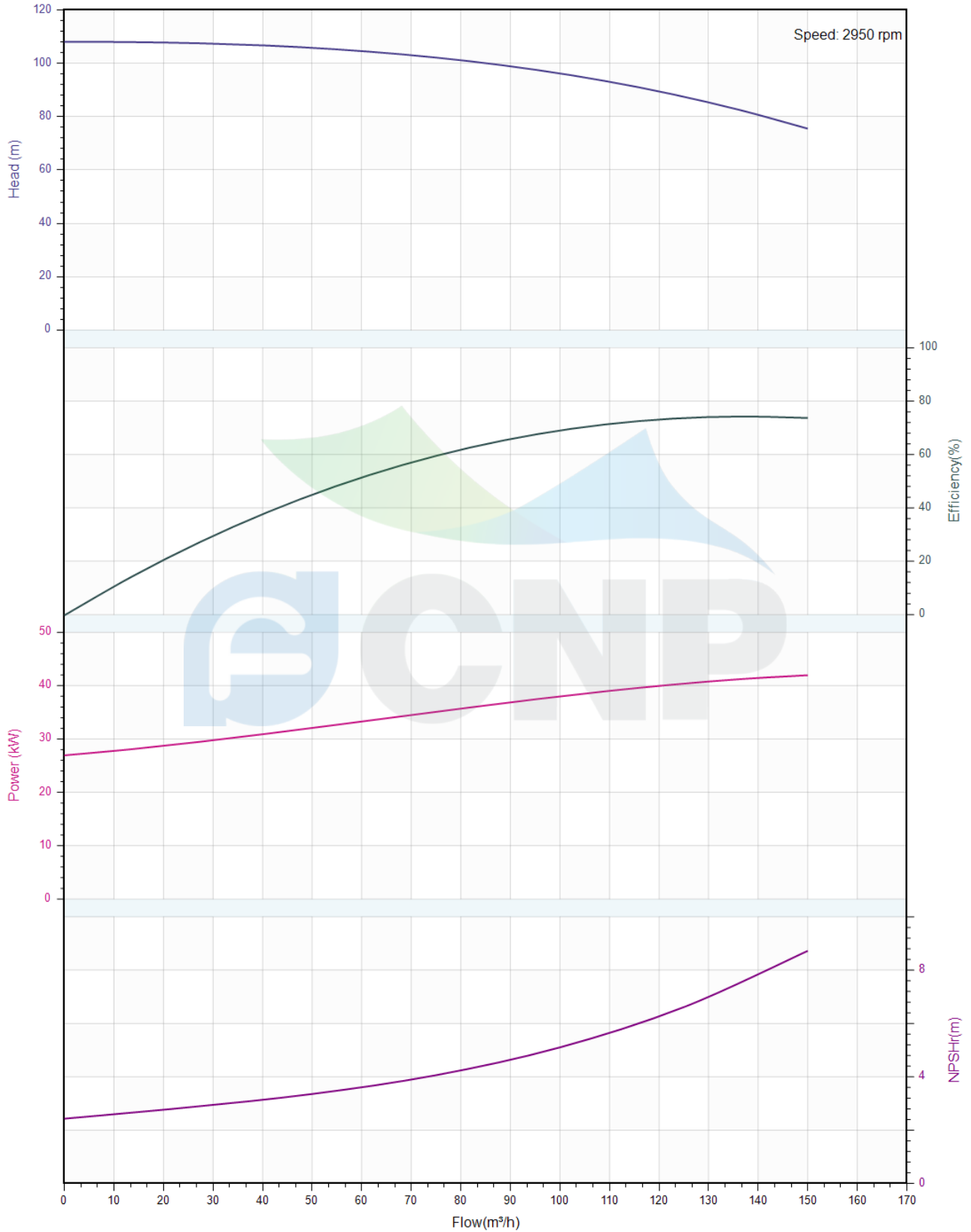
# Performance Curve CDM120-5-2

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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 atmospherical pressure. GB32162016 Grande 3B





## Pump Technical Parameters

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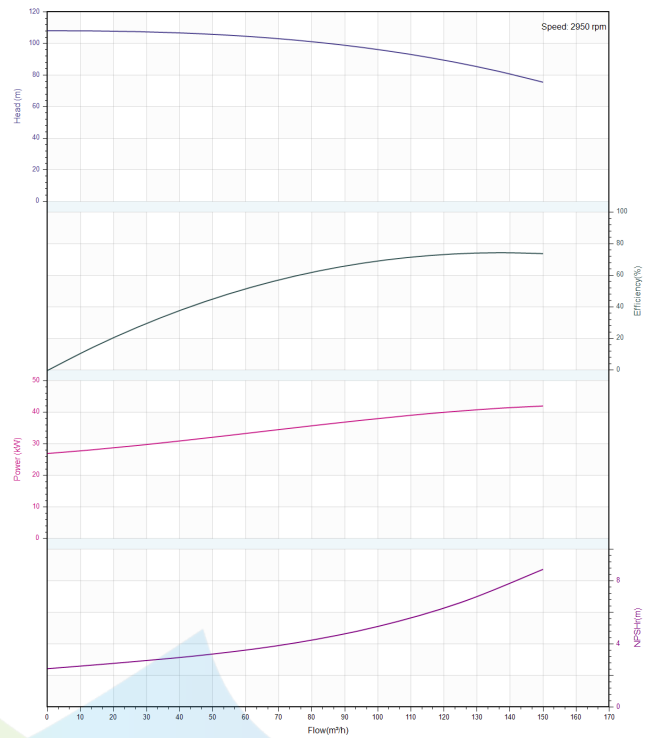
Item NO

#### Rated parameters

Pump model	CDM120-5-2
Part NO.	1100106299
Rated flow	120 m <sup>3</sup> /h
Rated head	90 m
Rated efficiency (%)	74.7
Power (kW)	39.4
NPSHr (m)	6
Speed (rpm)	2950
Max impeller diameter (mm)	144

#### Medium

Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m <sup>3</sup> )	1000
Viscosity (mm <sup>2</sup> /s)	1



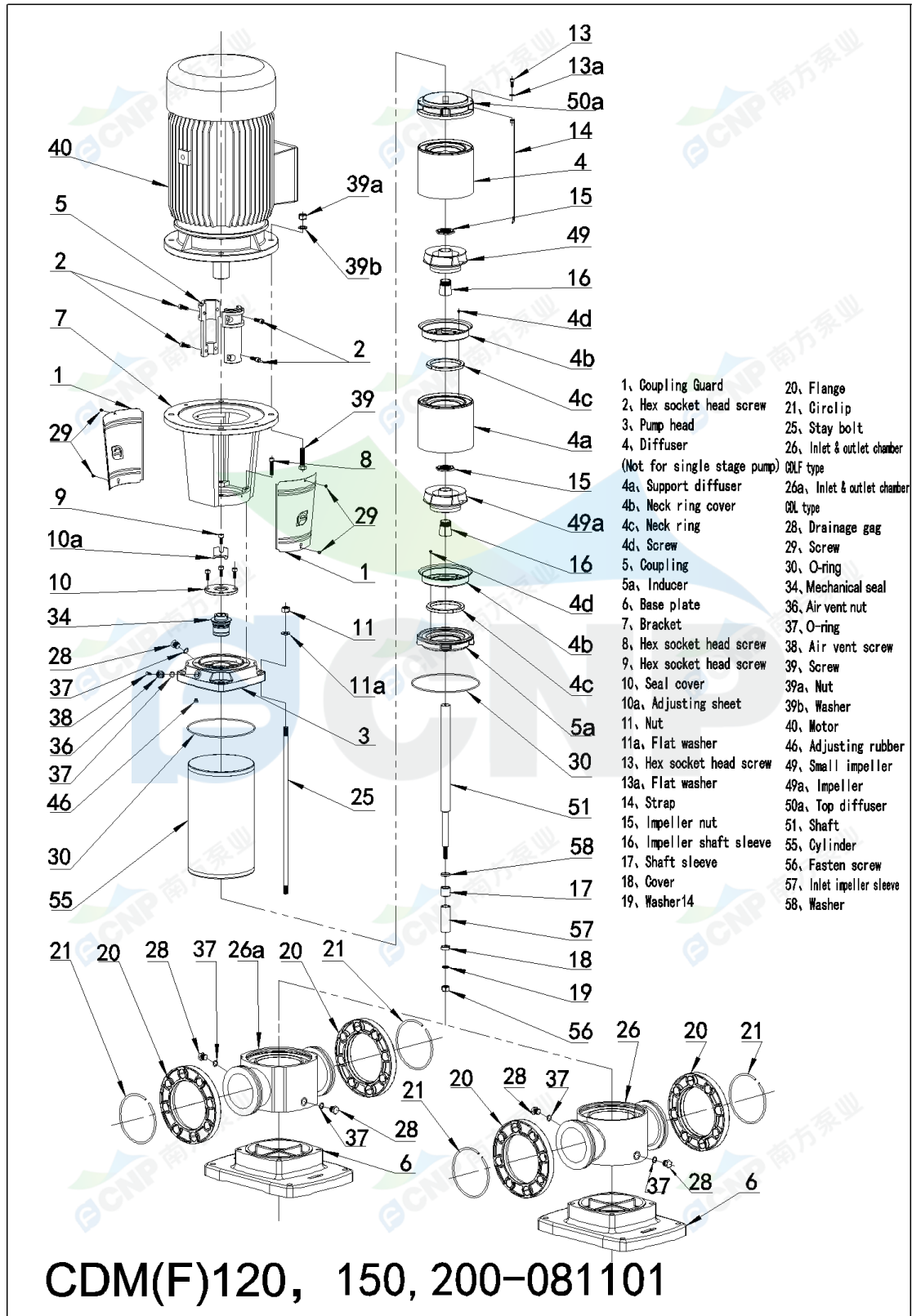


Structure picture  
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**Physical picture**  
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