	<b>Product Information</b>  <b>CDM1-31</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/07/26
<b>Project Name</b>		Client Name	DPA
<b>Item NO</b>		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100091143
----------	------------

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	1 m <sup>3</sup> /h
head	175 m
Efficiency	41
speed	2900
number of stages	31

### 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	K
Maximum Pressure/Temperature	24 bar / 120 °C
Maximum Pressure/Temperature	24 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25
Inlet & outlet	DN32

### 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	2.2KW
Power Frequency	50HZ
Rated Voltage (V)	220/380V
Rated Current (A)	7.9/4.6A
Energy Efficiency Level	IE3

	<b>Product Information</b>  <b>CDM1-31</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/07/26
<b>Project Name</b>		Client Name	DPA
		Client Addr.	
<b>Item NO</b>		Contacts	Alireza
		Contact	

**Seal**

Mechanical Seal                      CDLA-12/WBF14

**Others**

Weight (kg)                                44





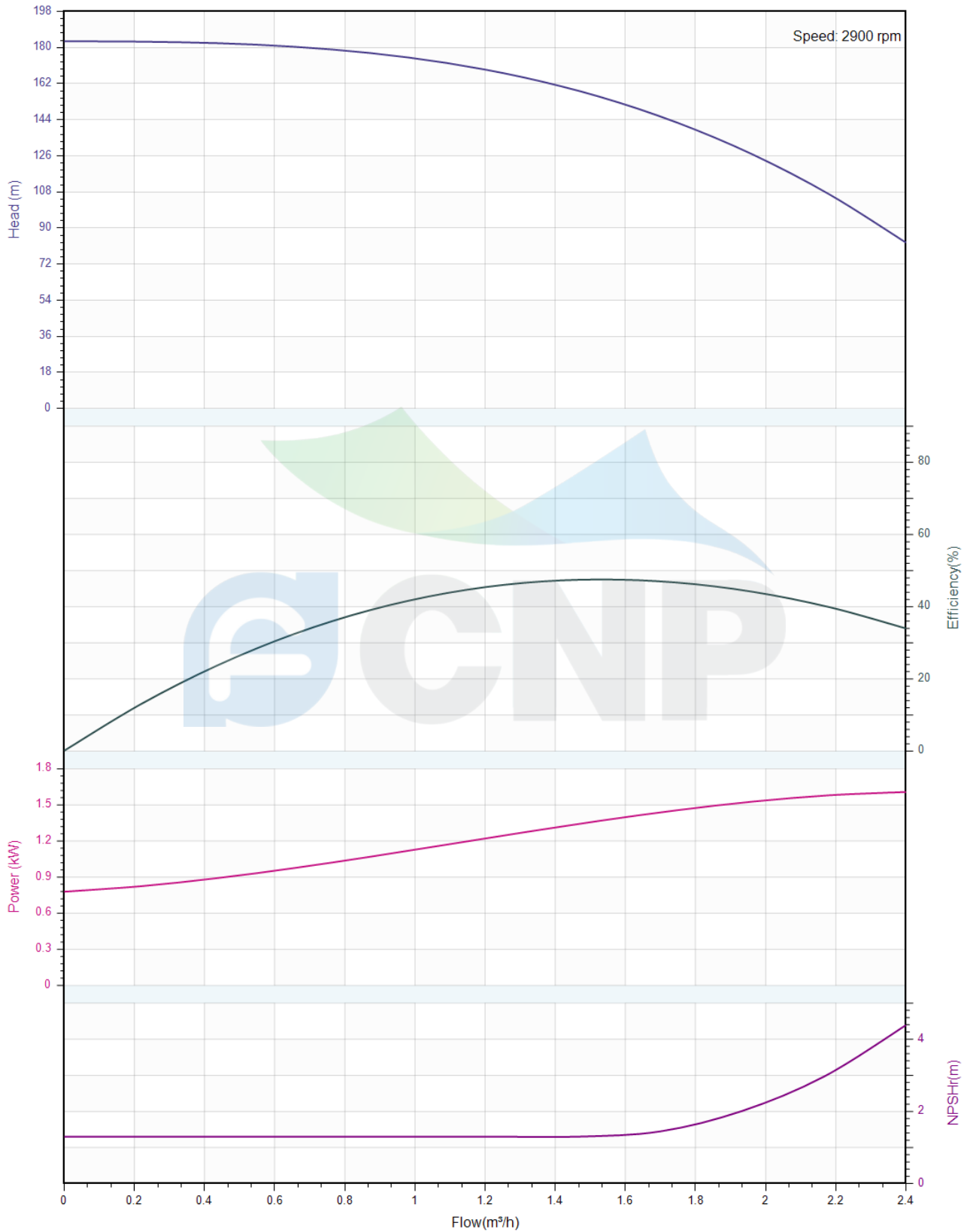
# Performance Curve CDM1-31

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/26
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Project Name

Item NO

The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. GB32162016 Grande 3B





# Pump Technical Parameters

## CDM1-31

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/26
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Project Name

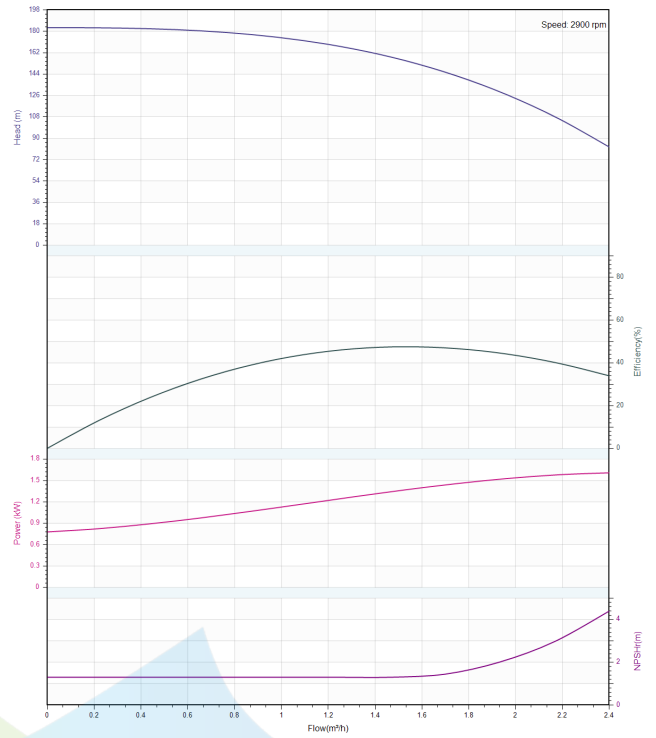
Item NO

### Rated parameters

Pump model	CDM1-31
Part NO.	1100091143
Rated flow	1 m <sup>3</sup> /h
Rated head	175 m
Rated efficiency (%)	41
Power (kW)	1.13
NPSHr (m)	1.3
Speed (rpm)	2900
Max impeller diameter (mm)	74.5

### Medium

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





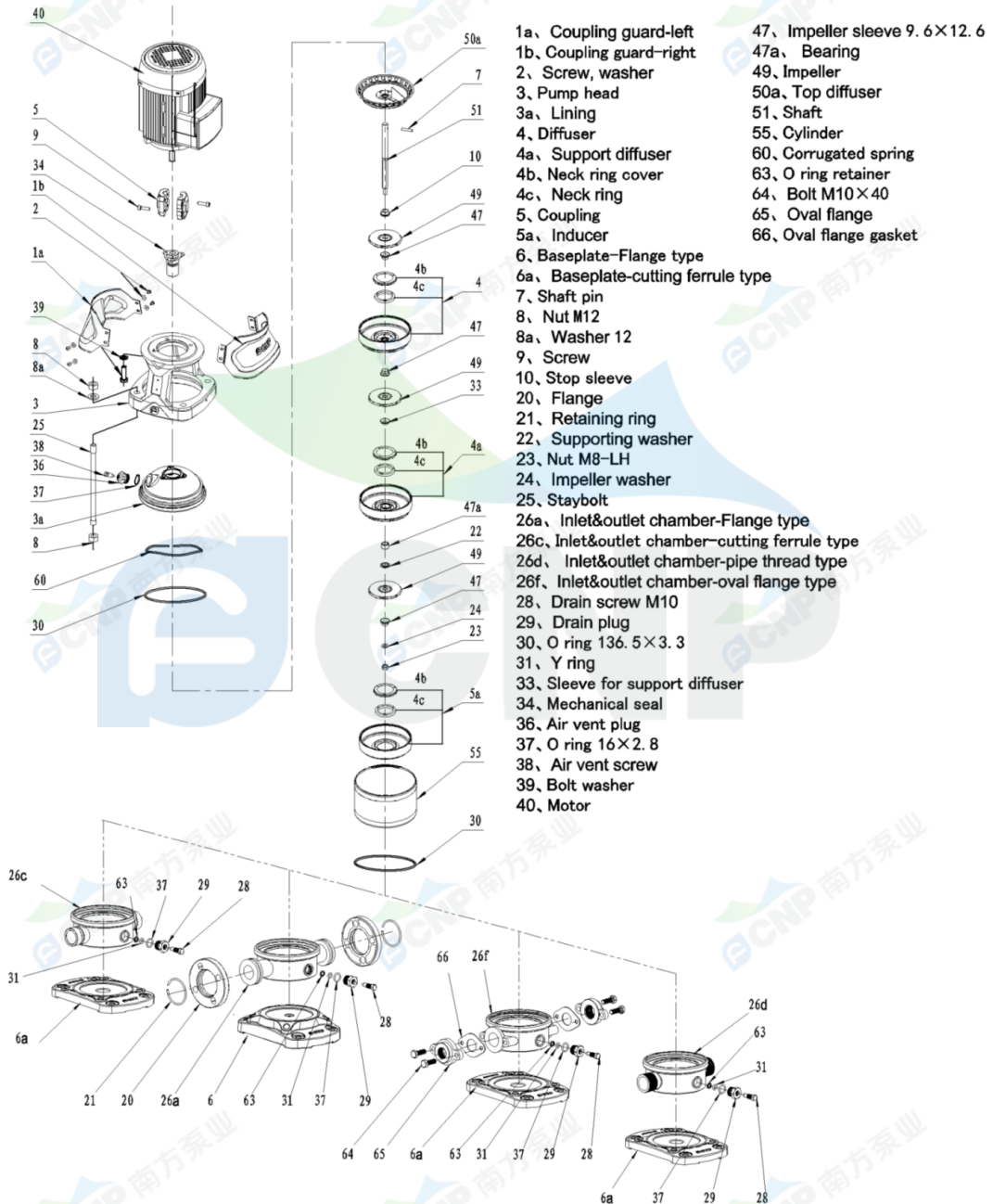
## Structure picture CDM1-31

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/26
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Project Name

Item NO

CDMF1-3





**Physical picture**  
**CDM1-31**

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/26
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

**Project Name**

**Item NO**

