	<b>Product Information</b>  <b>CDM85-1</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/07/28
<b>Project Name</b>		Client Name	DPA
<b>Item NO</b>		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100104871
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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	85 m <sup>3</sup> /h
head	20 m
Efficiency	73.9
speed	2900
number of stages	1

### 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/Temperature	25 bar / 120 °C
Maximum Pressure/Temperature	25 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN16
Inlet & outlet	DN100

### 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	7.5KW
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	14.4A
Energy Efficiency Level	IE3

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		Contact	

**Seal**

Mechanical Seal                      CDLA-22/WBF14

**Others**

Weight (kg)                                110





# Performance Curve

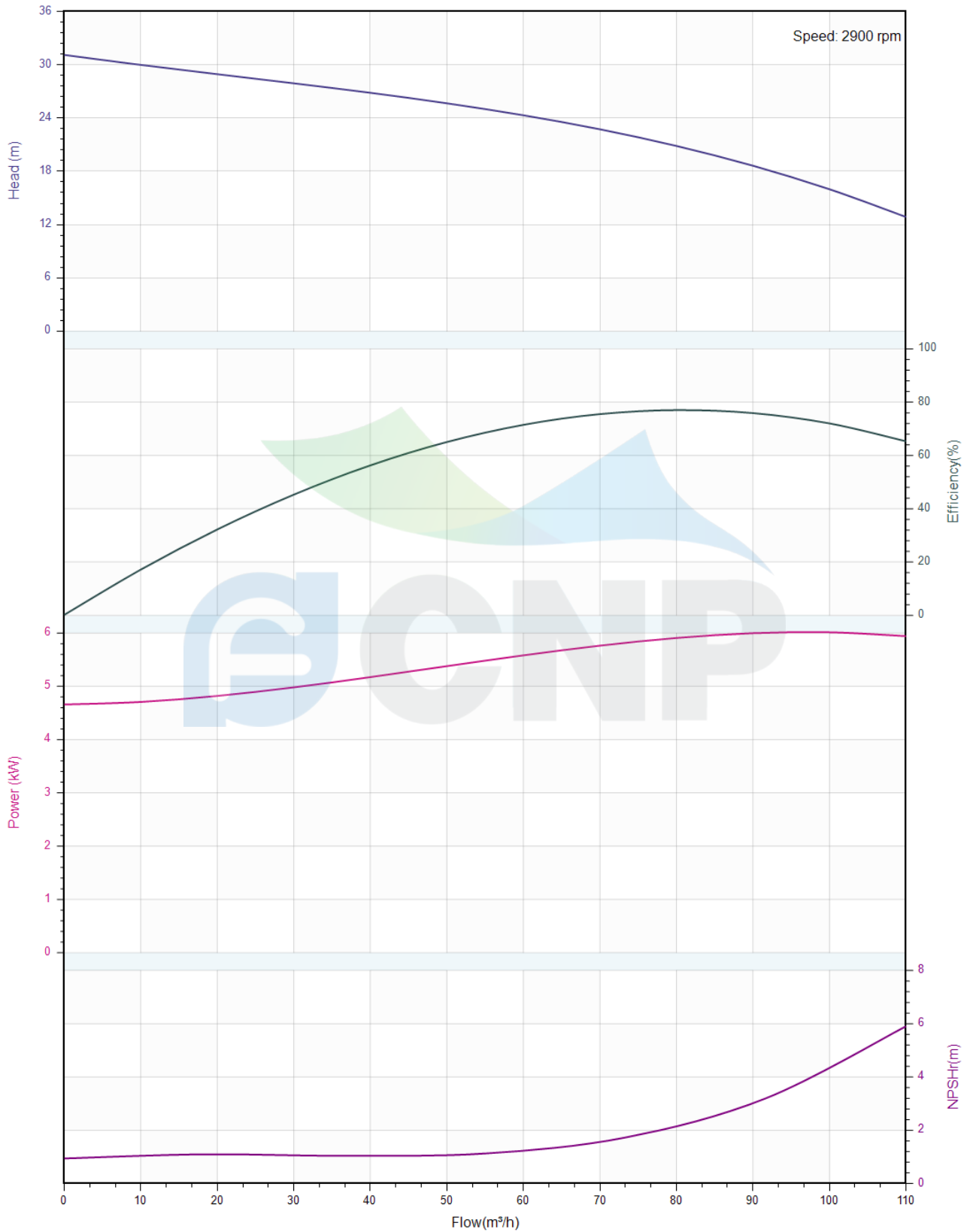
## CDM85-1

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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. GB32162016 Grande 3B





# Pump Technical Parameters

## CDM85-1

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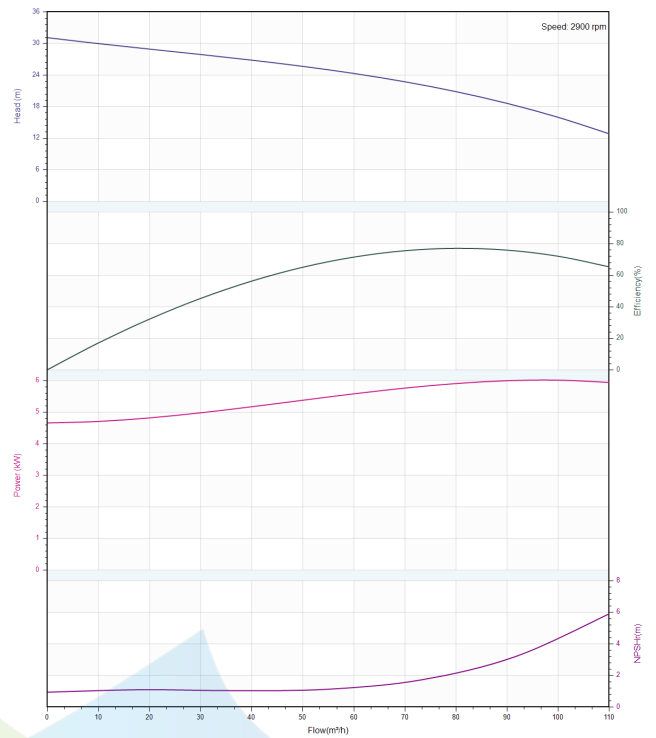
Item NO

### Rated parameters

Pump model	CDM85-1
Part NO.	1100104871
Rated flow	85 m <sup>3</sup> /h
Rated head	20 m
Rated efficiency (%)	73.9
Power (kW)	6.27
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	146

### Medium

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



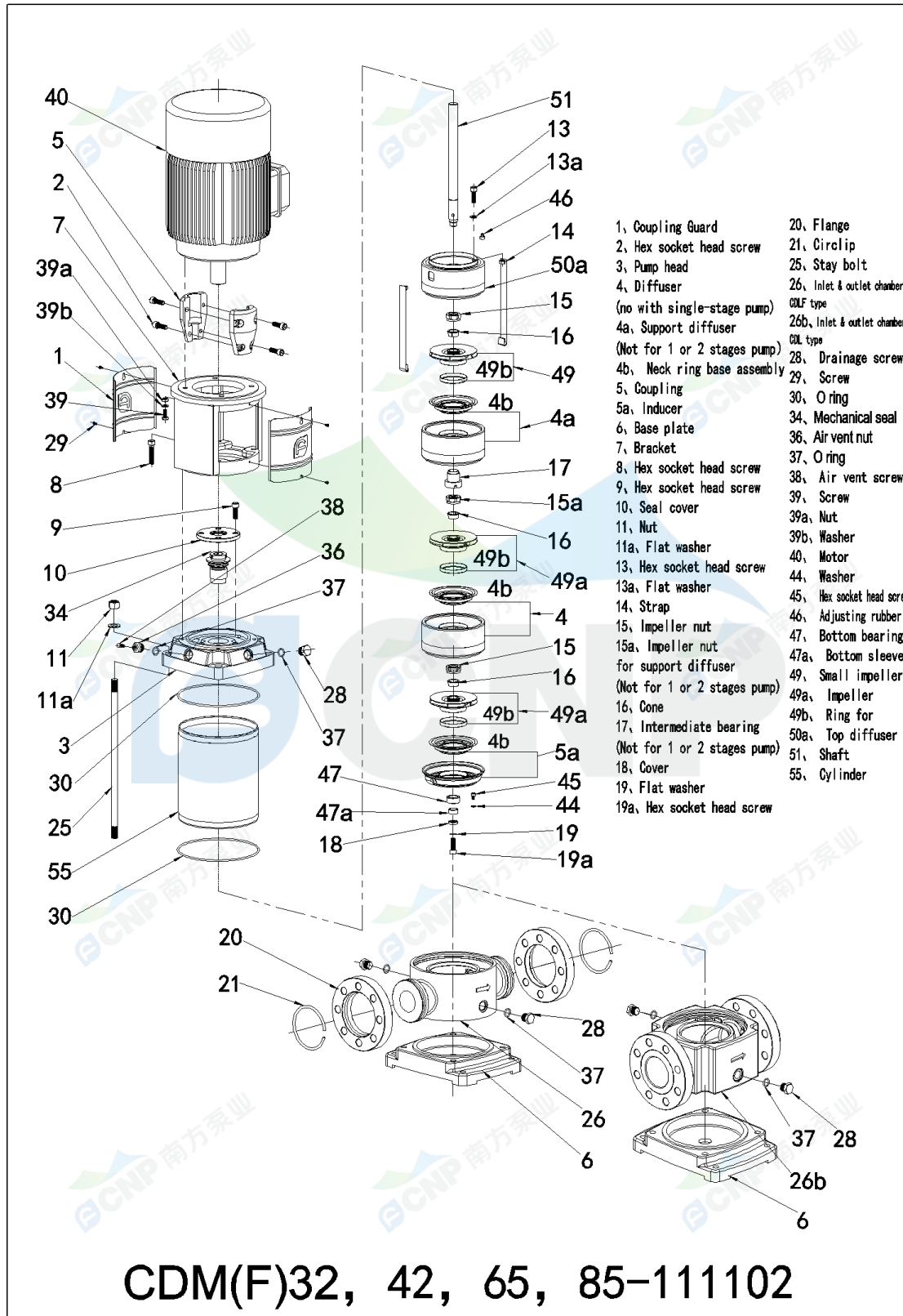


**Structure picture**  
**CDM85-1**

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**Physical picture**  
**CDM85-1**

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**Item NO**

