



Product Information
CDM5-31

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

Part NO.	1100090736
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Product Picture	Note
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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 $MEI \geq 0.7$. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Nameplate parameters

flow	5 m ³ /h
head	193 m
Efficiency	69
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	F
Maximum Pressure/Temperatu	24 bar / 120 °C
Maximum Pressure/Temperatu	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	5.5KW
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	10.6A
Energy Efficiency Level	IE3

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Seal

Mechanical Seal CDLA-12/WBF14

Others

Weight (kg) 83





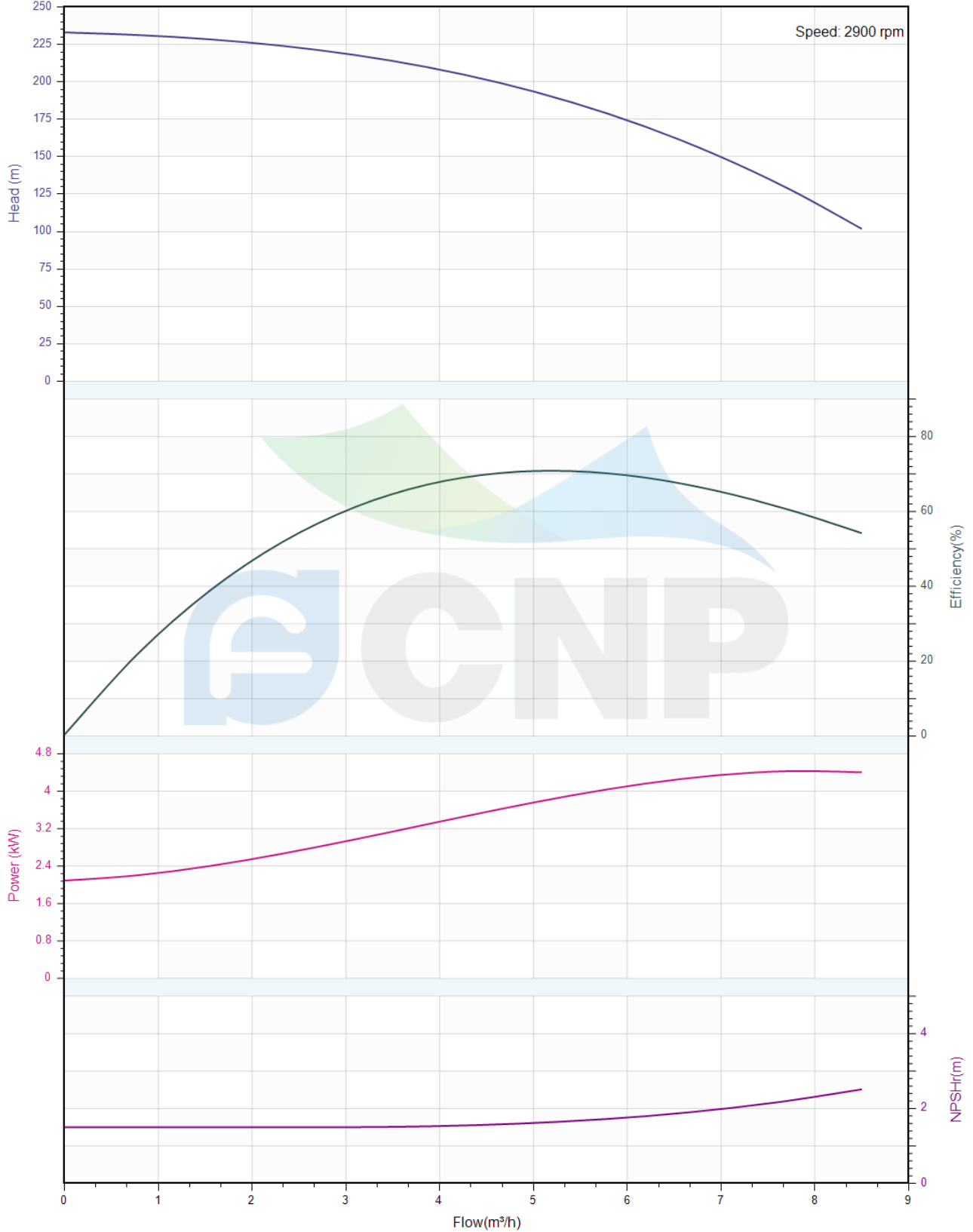
Performance Curve CDM5-31

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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. GB32162016 Grande 3B





Pump Technical Parameters

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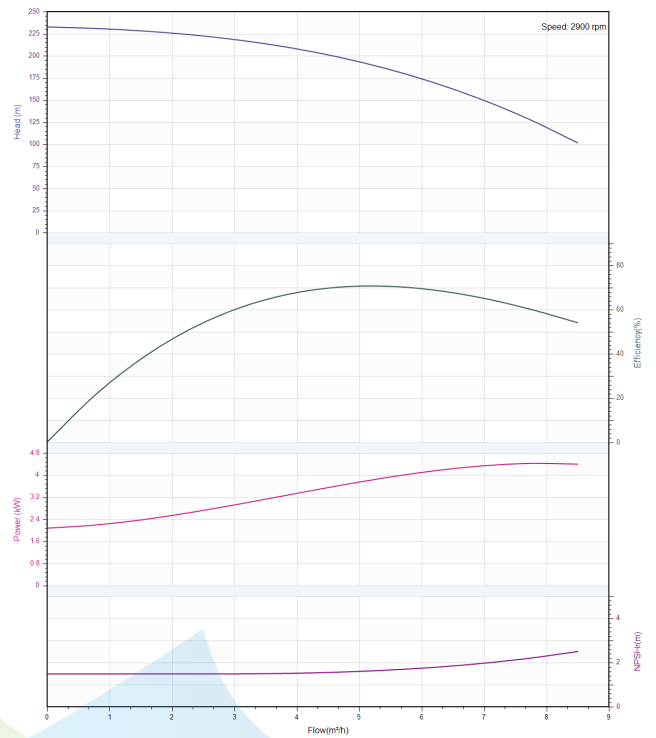
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Rated parameters

Pump model	CDM5-31
Part NO.	1100090736
Rated flow	5 m ³ /h
Rated head	193 m
Rated efficiency (%)	69
Power (kW)	3.76
NPSHr (m)	1.6
Speed (rpm)	2900
Max impeller diameter (mm)	82

Medium

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



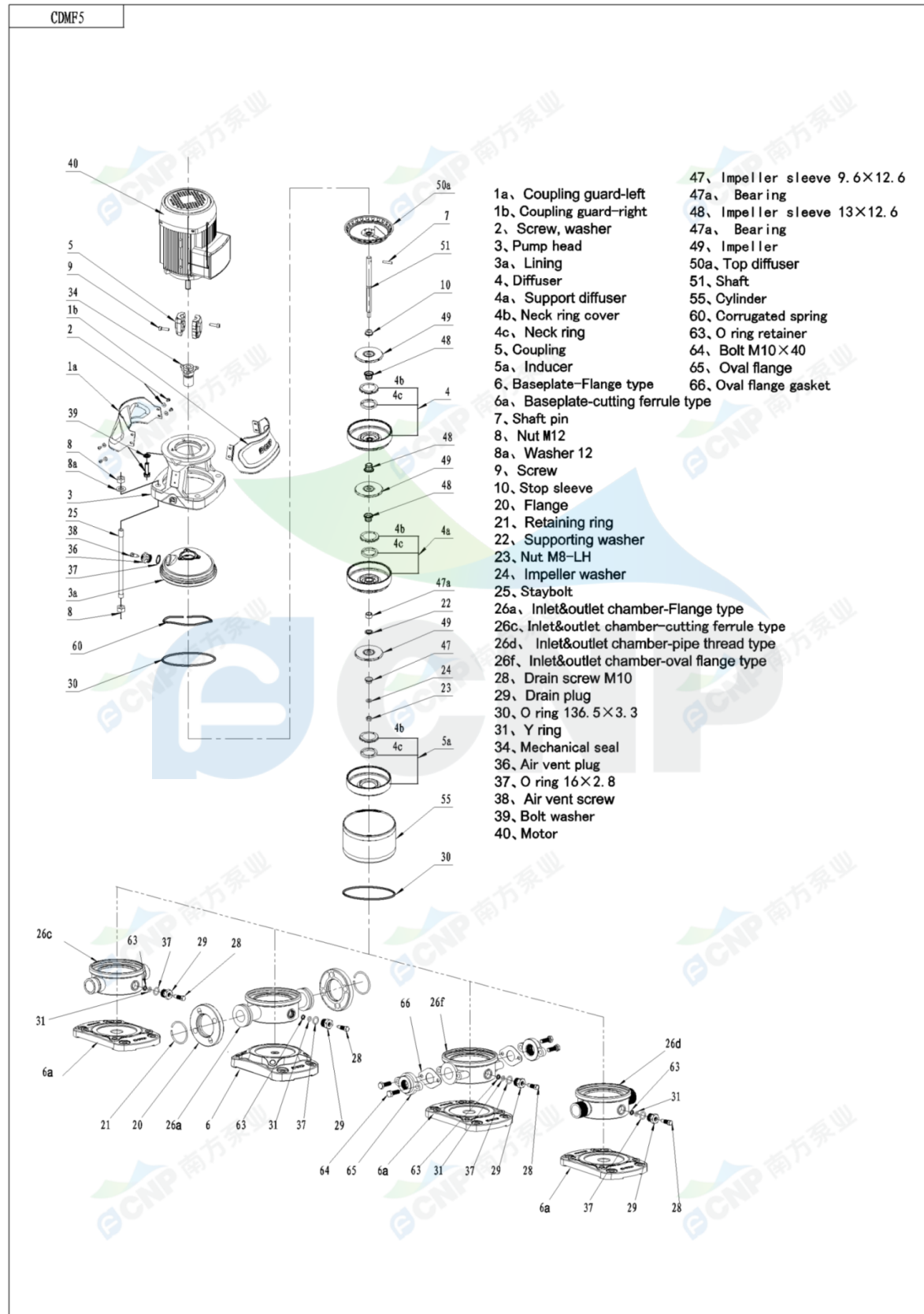


Structure picture CDM5-31

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Physical picture
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