



Product Information
CDM20-7

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. 1100090783

Product Picture

Note



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	20 m ³ /h
head	82 m
Efficiency	72
speed	2900
number of stages	7

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	23 bar/120 °C
Maximum Pressure/Temperature	23 bar/ -15 °C
Flange Standard	DIN
Pressure Class	PN25
Inlet & outlet	DN50

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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Seal

Mechanical Seal CDLA-16/WBF14

Others

Weight (kg) 93





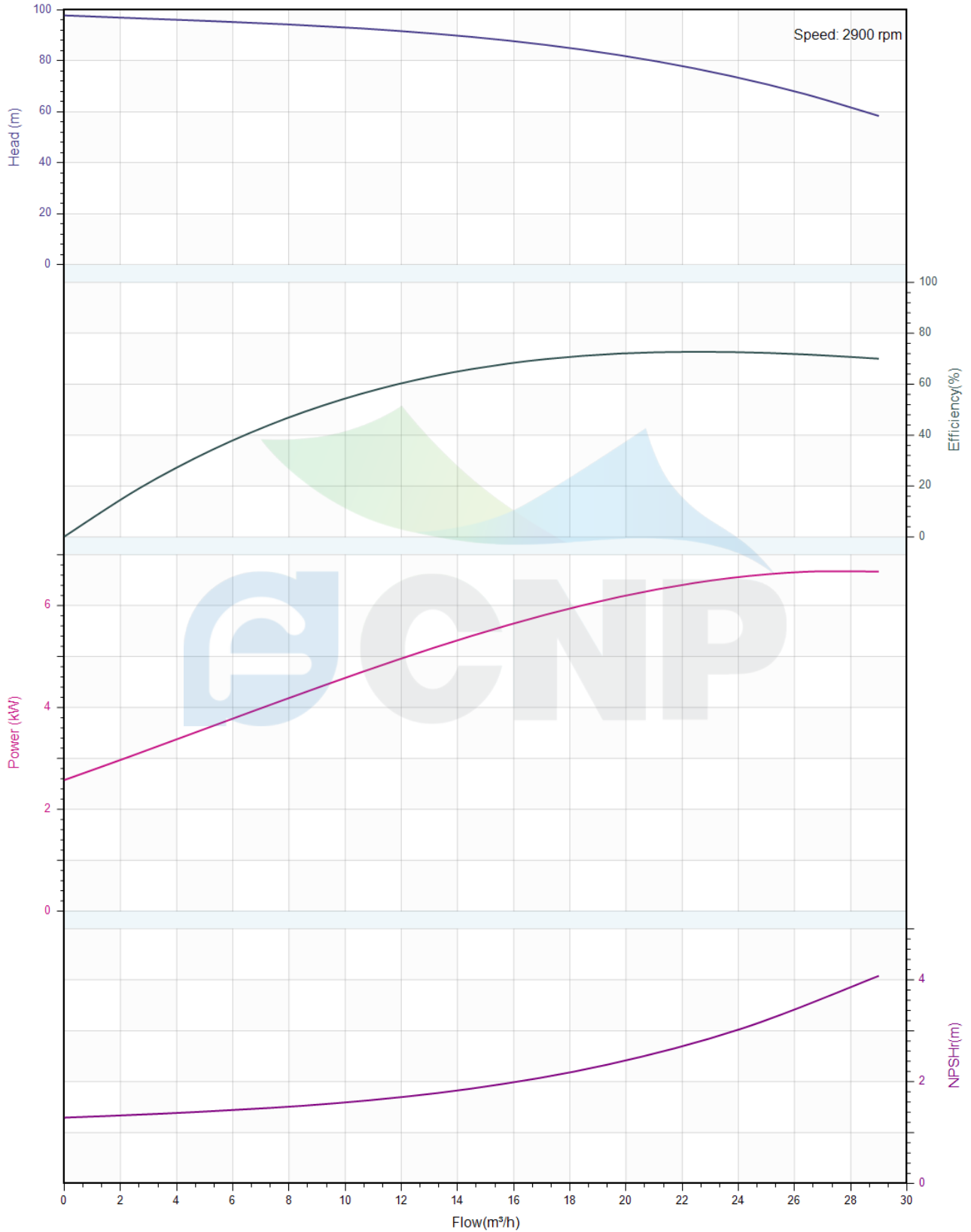
Performance Curve CDM20-7

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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

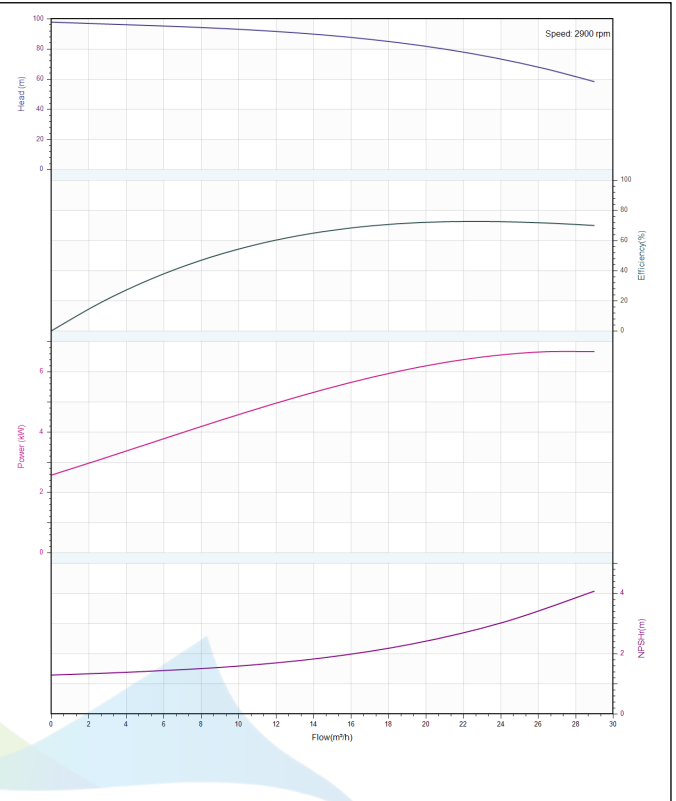




Pump Technical Parameters CDM20-7

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Rated parameters	
Pump model	CDM20-7
Part NO.	1100090783
Rated flow	20 m ³ /h
Rated head	82 m
Rated efficiency (%)	72
Power (kW)	6.21
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	106
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m ³)	1000
Viscosity (mm ² /s)	1



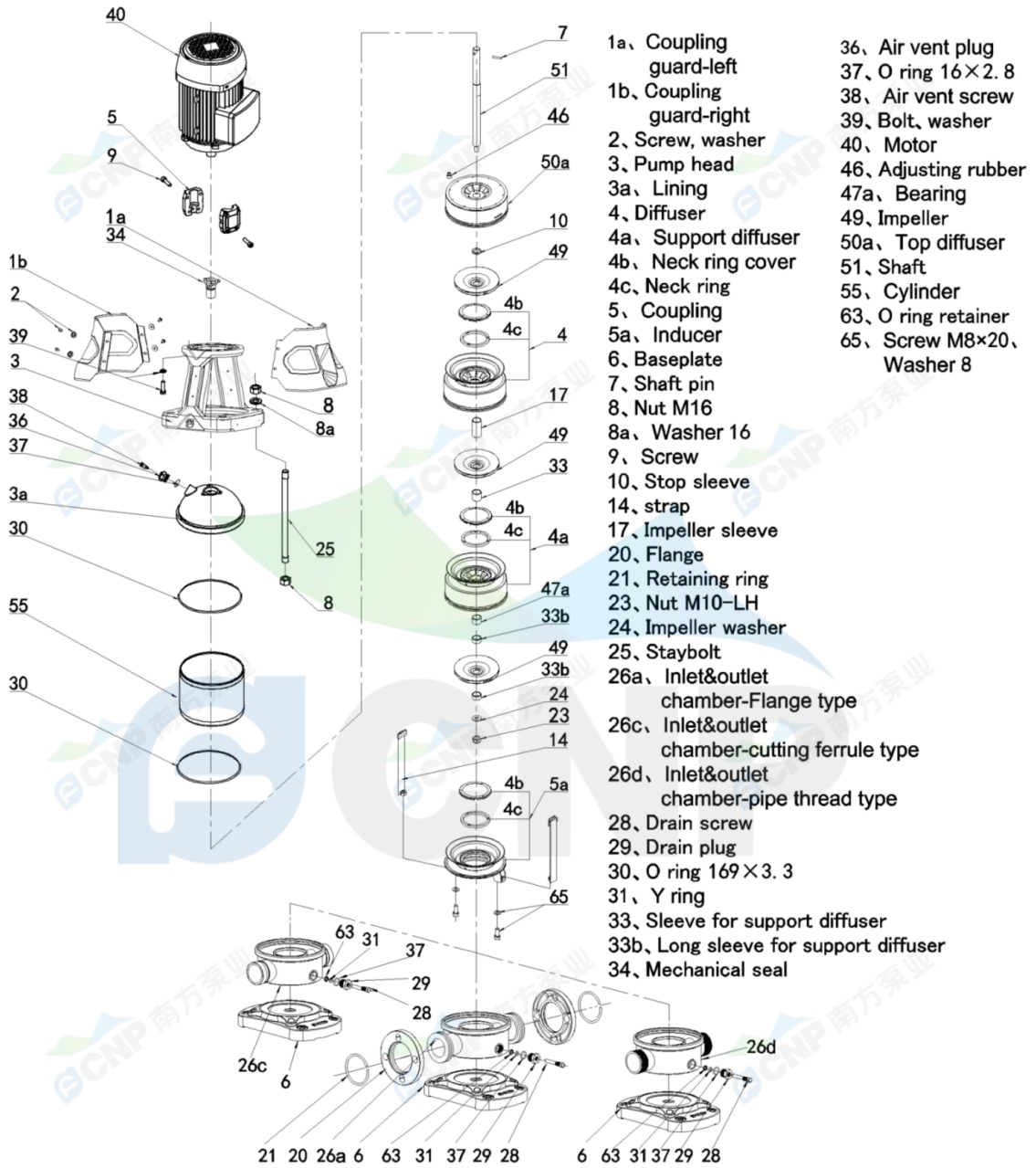


Structure picture CDM20-7

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Physical picture
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