
	Product Information CDM32-14	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/07/26
Project Name		Client Name	DPA
Item NO		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100104900
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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 $MEI \geq 0.7$. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.</p>

Nameplate parameters

flow	32 m ³ /h
head	196 m
Efficiency	68.2
speed	2900
number of stages	14

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	PN25-40
Inlet & outlet	DN65

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	30KW
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	54.9A
Energy Efficiency Level	IE3

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Seal

Mechanical Seal CDLA-22/WBF14

Others

Weight (kg) 341





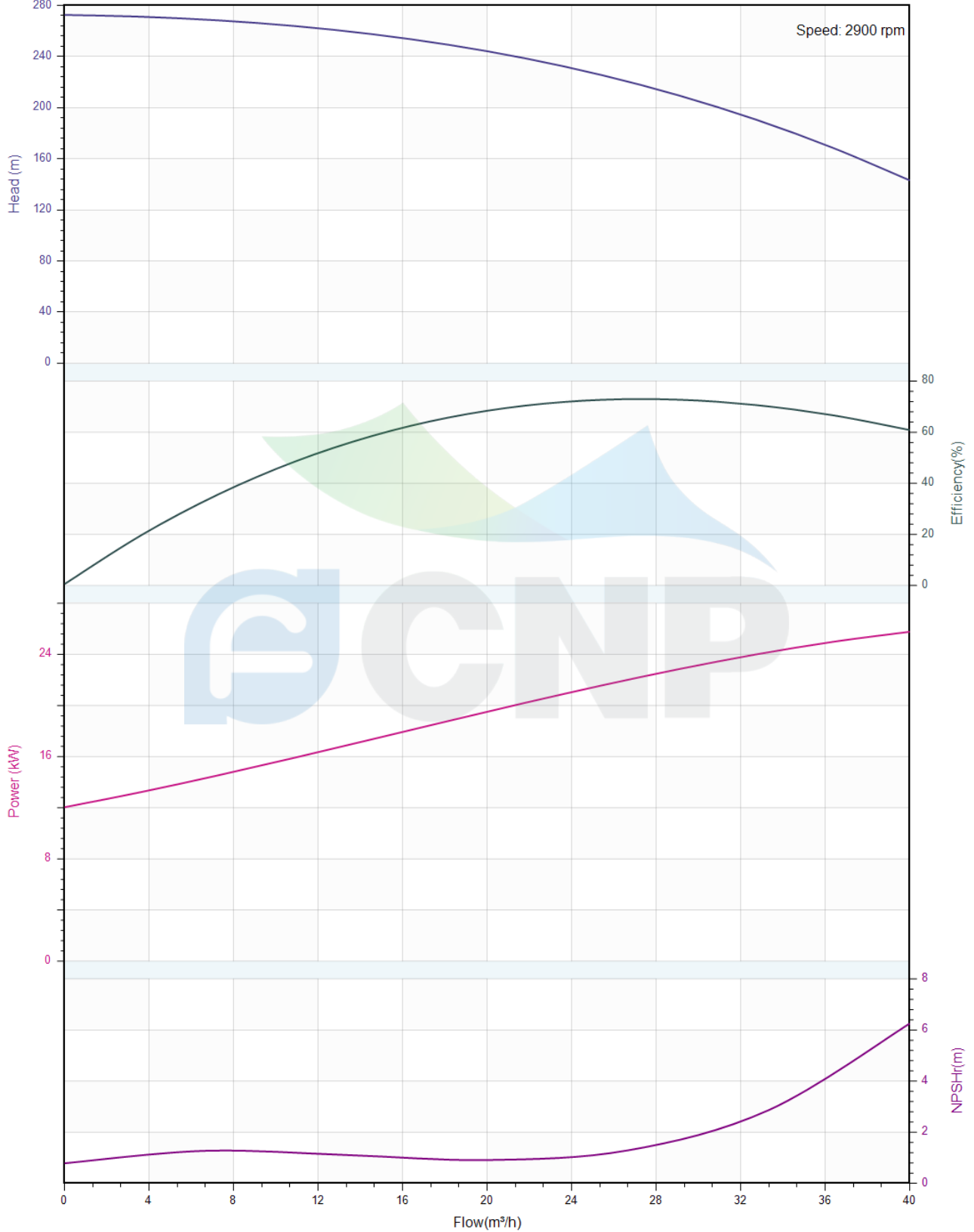
Performance Curve CDM32-14

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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 CDM32-14

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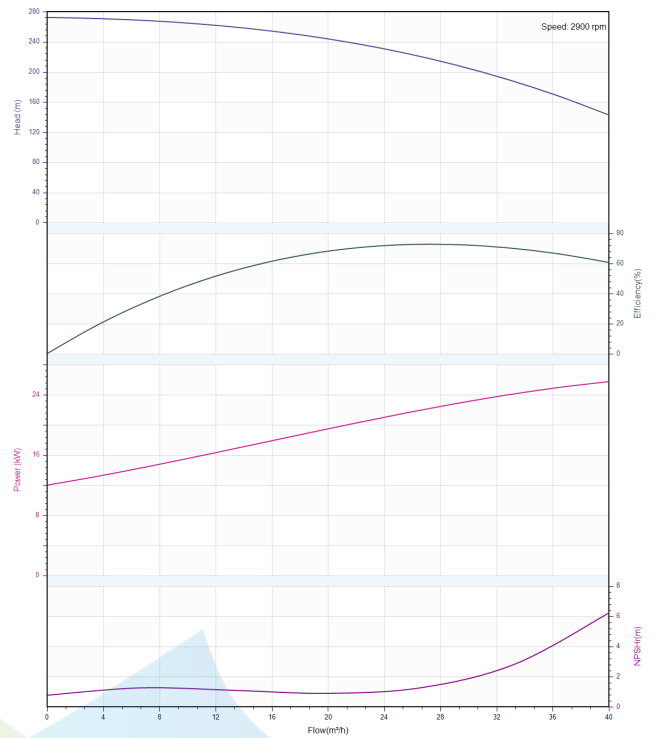
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Rated parameters

Pump model	CDM32-14
Part NO.	1100104900
Rated flow	32 m ³ /h
Rated head	196 m
Rated efficiency (%)	68.2
Power (kW)	25
NPSHr (m)	2
Speed (rpm)	2900
Max impeller diameter (mm)	118

Medium

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





Structure picture
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- | | |
|------------------------------|---|
| 1, Coupling Guard | 20, Flange |
| 2, Hex socket head screw | 21, Circlip |
| 3, Pump head | 25, Stay bolt |
| 4, Diffuser | 26, Inlet & outlet chamber
COLF type |
| 4a, Support diffuser | 26b, Inlet & outlet chamber
COL type |
| (Not for 1 or 2 stages pump) | 28, Drainage screw |
| 4b, Neck ring base assembly | 29, Screw |
| 5, Coupling | 30, O ring |
| 5a, Inducer | 34, Mechanical seal |
| 6, Base plate | 36, Air vent nut |
| 7, Bracket | 37, O ring |
| 8, Hex socket head screw | 38, Air vent screw |
| 9, Hex socket head screw | 39, Screw |
| 10, Seal cover | 39a, Nut |
| 11, Nut | 39b, Washer |
| 11a, Flat washer | 40, Motor |
| 13, Hex socket head screw | 44, Washer |
| 13a, Flat washer | 45, Hex socket head screw |
| 14, Strap | 46, Adjusting rubber |
| 15, Impeller nut | 47, Bottom bearing |
| 15a, Impeller nut | 47a, Bottom sleeve |
| for support diffuser | 49, Small impeller |
| (Not for 1 or 2 stages pump) | 49a, Impeller |
| 16, Cone | 49b, Ring for |
| 17, Intermediate bearing | 50a, Top diffuser |
| (Not for 1 or 2 stages pump) | 51, Shaft |
| 18, Cover | 55, Cylinder |
| 19, Flat washer | |
| 19a, Hex socket head screw | |



Physical picture
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