

	Product Information CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Part NO.	1100104996
Product Picture: (Note: Images may not be the same as the product)	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≥0.7. It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Nameplate parameters

Flow	42 m³/h
Head	203 m
Efficiency	69.8 %
Speed	2900 rpm
Number of stages	10

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 (high temperature)	30 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	30 bar / -15 °C
Flange Standard	DIN
Pressure Class	PN25-40
Inlet & outlet	DN80

Medium

Medium Temperature normal temperature	-15°C+70°C
Medium Temperature high temperature	-15°C+120°C
Maximum Environment Temperature	40°C

Structure dimension

Model picture	F Flange
Expolded view	CDMF32,42,65

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Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	37KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	67.4A
Energy Efficiency Level	IE3

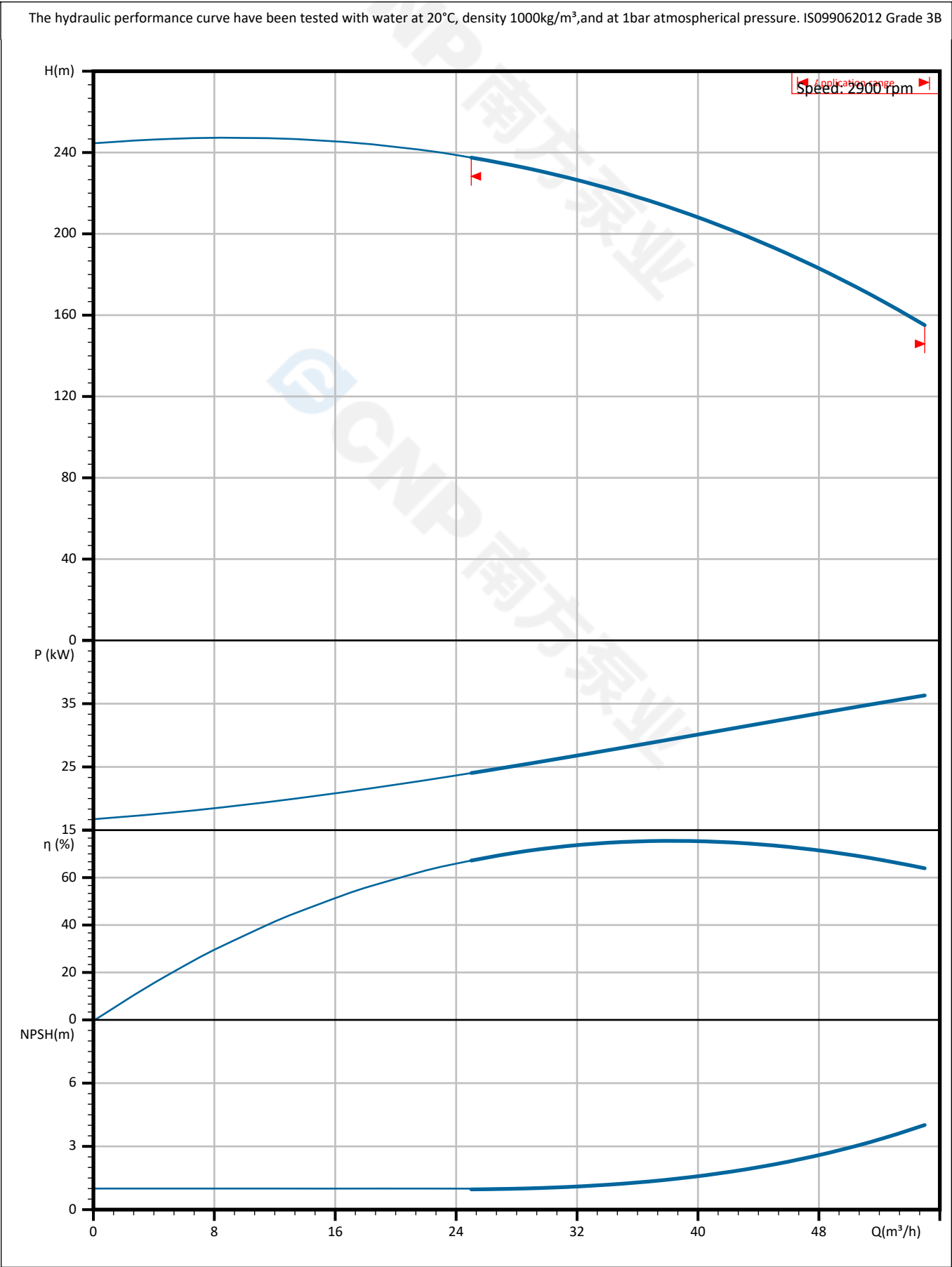
Seal

Mechanical Seal	CDLA-22/WB1F14
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Others

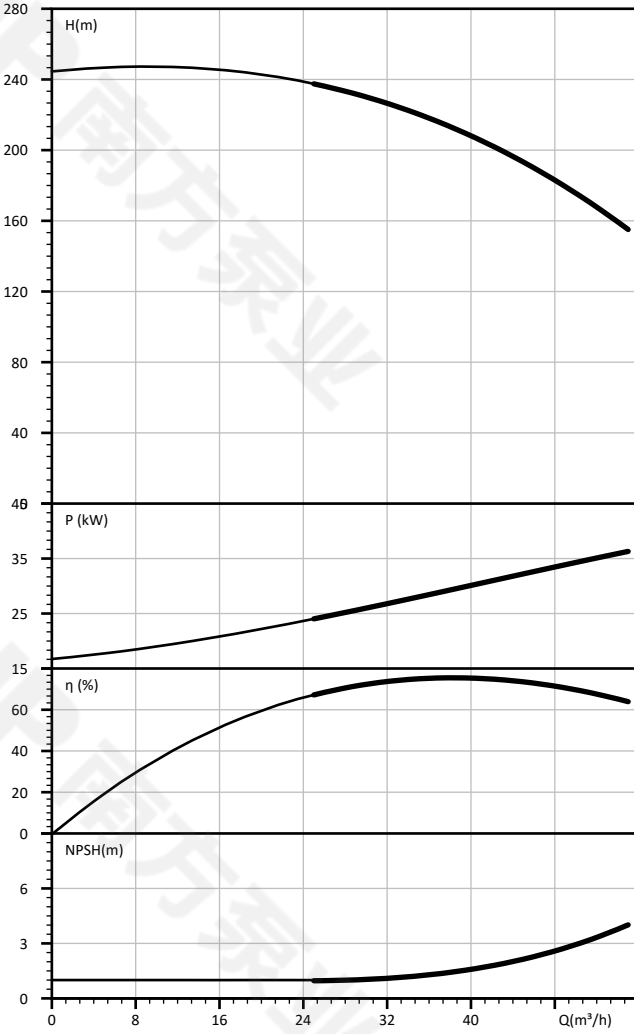
Weight (kg)	355
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	Performance Curve CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Contacts	Wepko
		Contact	



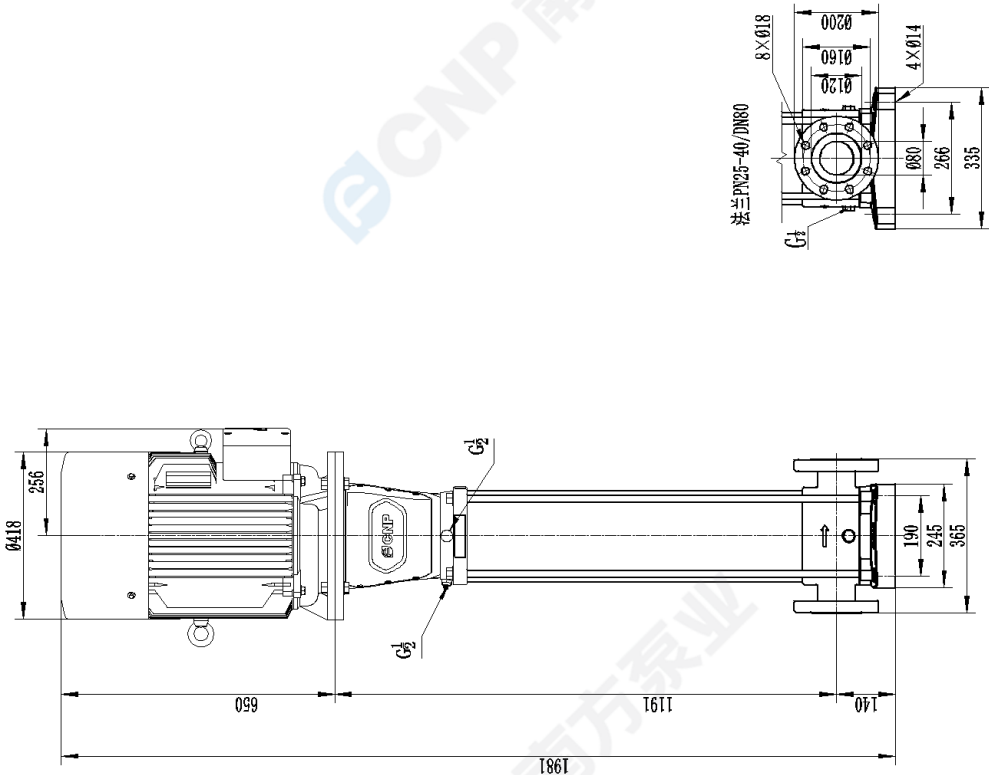
 CNP 南方泵业	Pump Technical Parameters CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Item NO		Contacts	Wepko
		Contact	

Rated parameters	
Pump model	CDM42-10
Part NO.	1100104996
Rated flow	42 m³/h
Rated head	203 m
Rated efficiency	69.8 (%)
Power (kW)	33.3 kW
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	136
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



Flow Q (m³/h)	Head H (m)	Power P (kW)	Efficiency η (%)	NPSH (m)
0	245	15	0	1.0
8	248	17	10	1.0
16	245	20	18	1.0
24	235	25	28	1.0
32	215	30	35	1.2
40	185	34	32	1.8
48	155	37	28	2.5

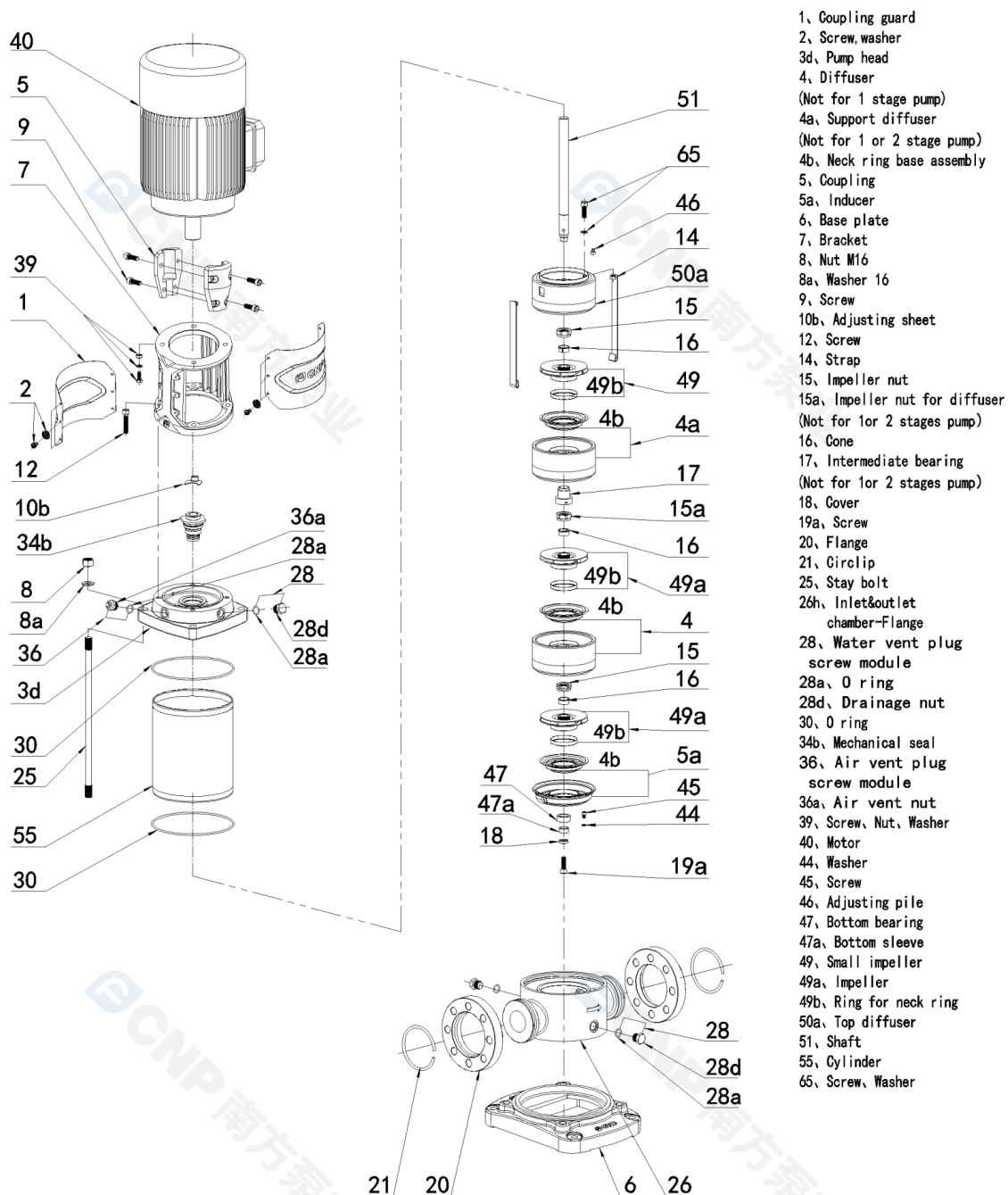
	Dimension Drawing CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/08
Project Name		Client Name	WEPKO
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注：隔爆电机外形尺寸有所变动，详情请咨询本公司。

CDM42-10FSWSC

 CNP 南方泵业	Explosed view CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Date	2025/07/08
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



Drawing 1-I CDMF32, 42, 65-240704

 CNP 南方泵业	Physical picture CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Item NO		Contacts	Wepko
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 CNP 南方泵业	Order Data CDM42-10	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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		Date	2025/07/08
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model CDM42-10
Part NO. 1100104996
Product price
Quantity 1
Total price

Inquiry notes