CNP 南方泵业	**Product Information** **CDMY42-5**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/26
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	

Part NO.	1100365931

Product Picture: (Note: Images may not be the same as the product)	Note
	CDM(F)Y series vertical multi-stage intelligent inverter pump is equipped with an integrated intelligent inverter permanent magnet synchronous motor. Intelligent control functions such as constant pressure, constant temperature, and constant differential pressure can be realized by connecting pressure or temperature sensors. It has the characteristics of intelligence, energy saving and high efficiency, low noise and environmental protection, compact structure, beautiful appearance, small size, light weight, convenient use and maintenance, and high reliability

Nameplate parameters

Flow	42 m³/h
Head	101 m
Unit Eta	75 %
Speed	2900 rpm
Number of stages	5

Technology

Pump rotator speed	2900
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)	25 bar / 120 °C
Maximum Pressure/Temperature (low temperature)	25 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

Expolded view	CDMY1-95 exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	18.5KW
Power Frequency(Hz)	50HZ
Frequency conversion range	0~194Hz
Rated Voltage (V)	380V

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Motor

Rated Current (A)	34.4A
Energy Efficiency Level	First (GB 30253)

Seal

Mechanical Seal	CDLA-22/S2B1F14

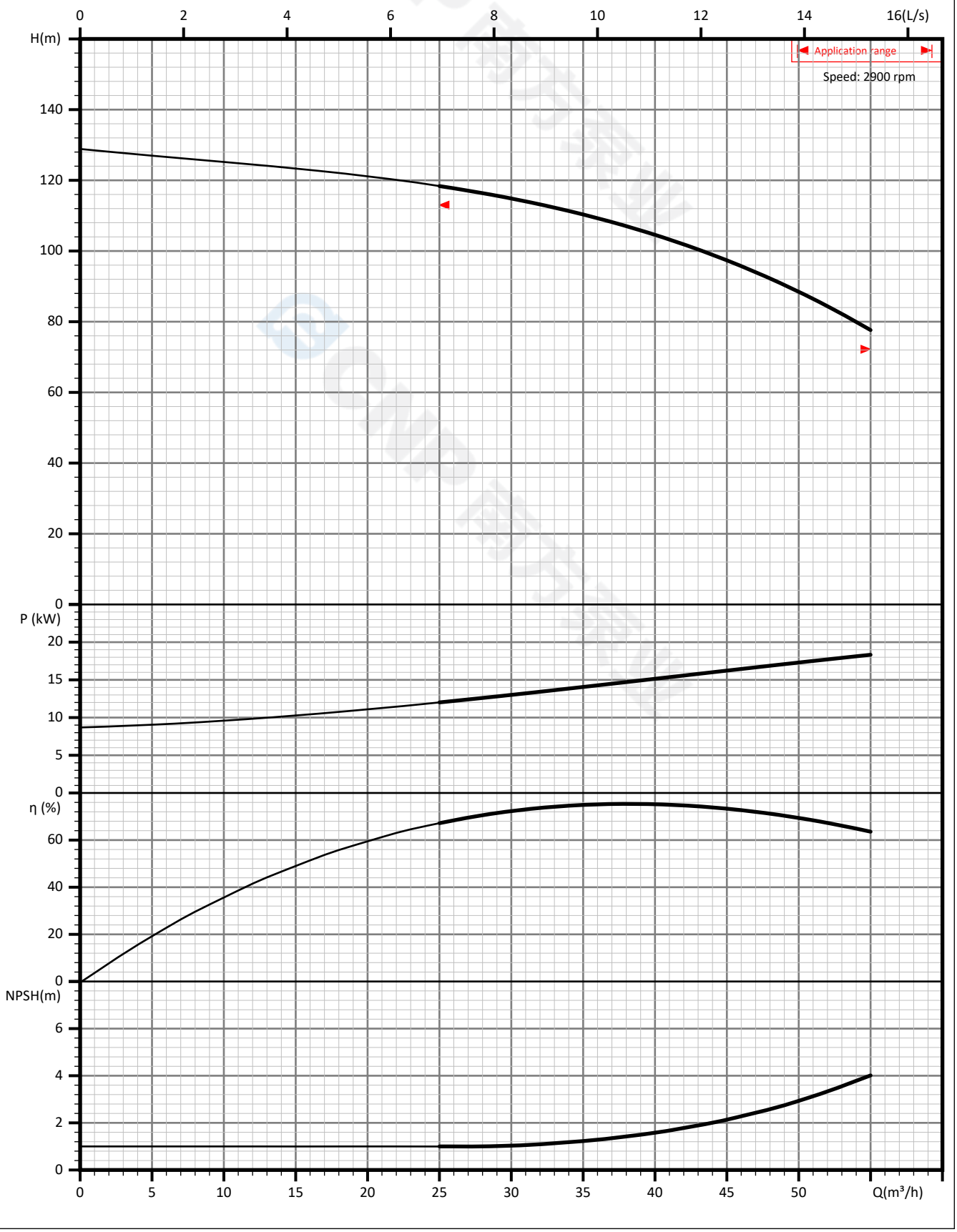
Others

Weight (kg)	132.5

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CNP 南方泵业	Performance Curve CDMY42-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Contact	

The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar at mospherical pressure.
IS099062012 Grade 3B

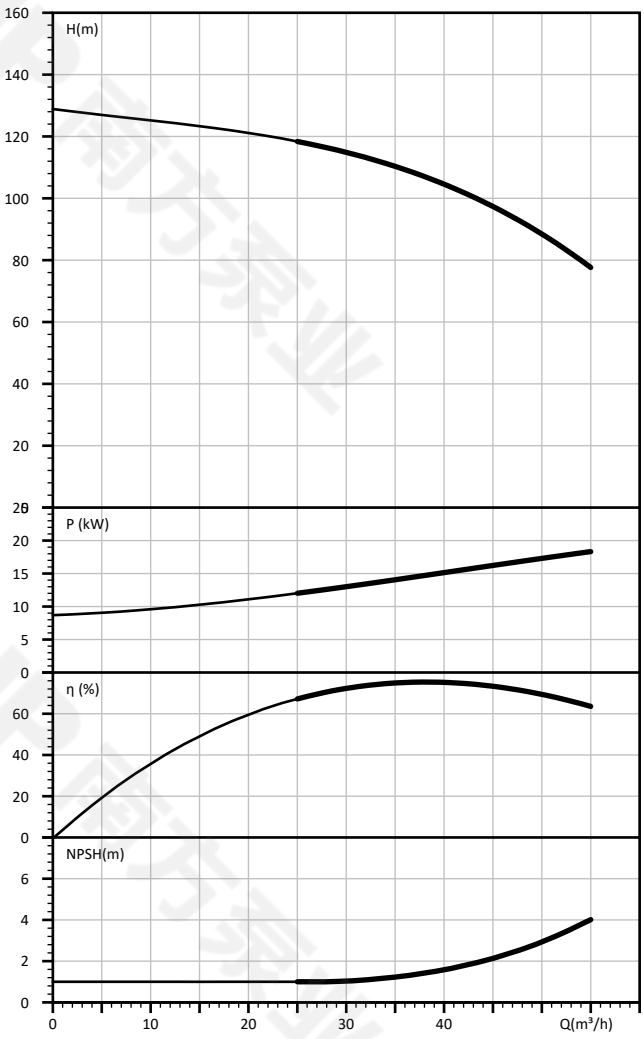


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters CDMY42-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Date	2026/09/26
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	

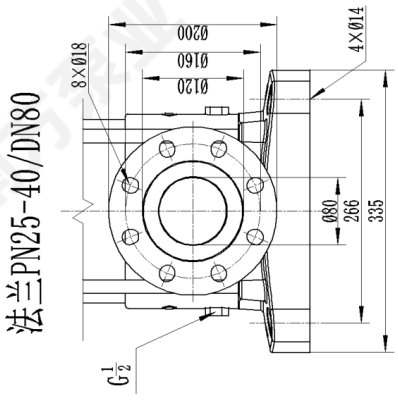
Rated parameters	
Pump model	CDMY42-5
Part NO.	1100365931
Rated flow	42 m³/h
Rated head	101 m
Rated Unit Eta	75 %
Rated Input Power	15.4 kW
NPSHr	2.5 m
Speed	2900 rpm
Max impeller diameter	136 mm

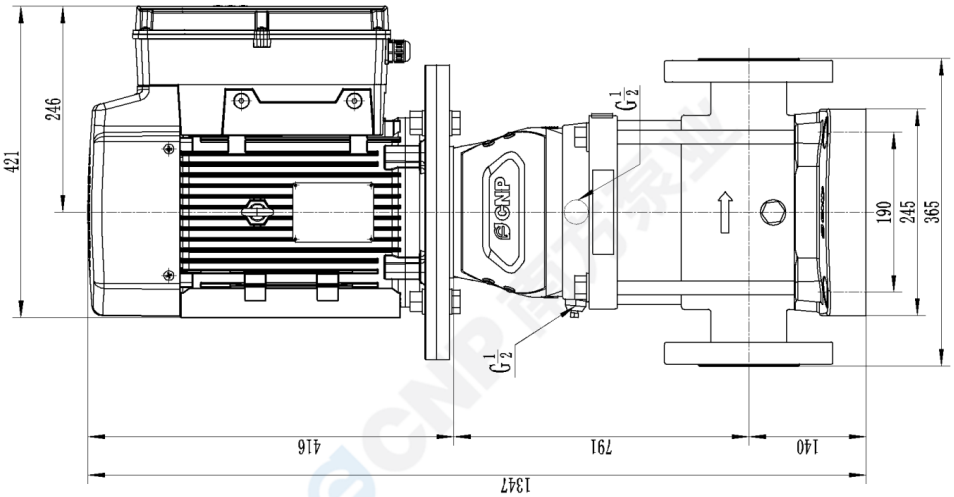
Medium	
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m³
Viscosity	1 mm²/s



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CNP 南方泵业	**Dimension Drawing** **CDMY42-5**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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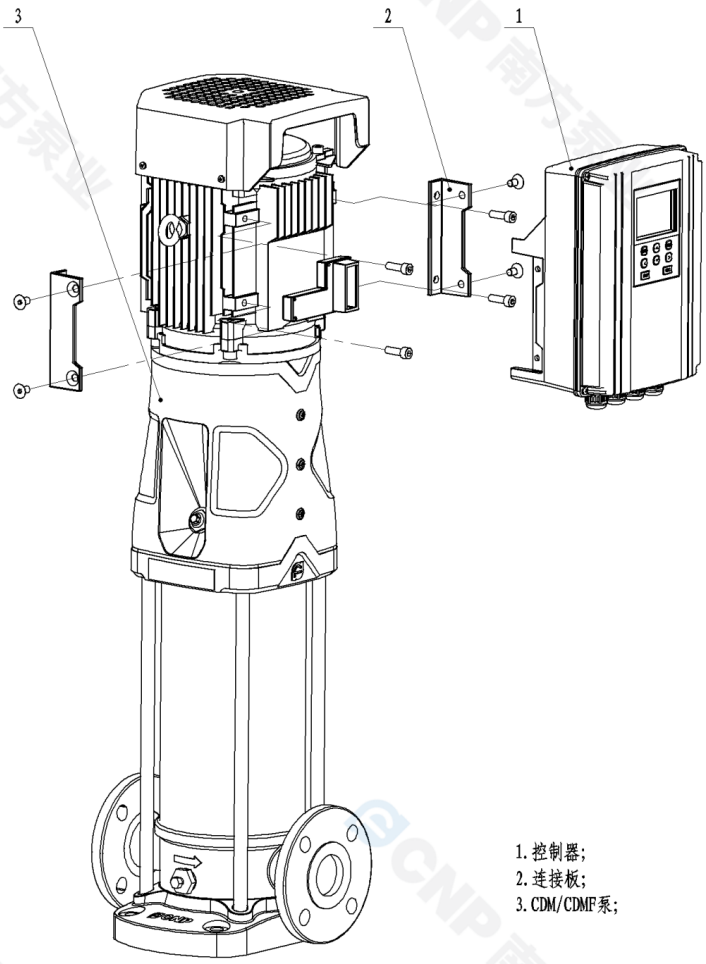




CDMFY42-5FSWSC

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view CDMY42-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/26
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	



1. 控制器;
2. 连接板;
3. CDM/CDMF泵;

描　图
描　校
旧底图总号
底 图 总 号
签　字
日　期

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture CDMY42-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	



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CNP 南方泵业	Order Data CDMY42-5	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/09/26
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	WEPKO
		Contact	

Pump model	CDMY42-5
Part NO.	1100365931
Product price	
Quantity	1
Total price	

Inquiry notes