CNP 南方泵业	**Product Information** **42 SS 4**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Part NO.	1100190661

Product Picture: (Note: Images may not be the same as the product)	Note
	The SS series are vertical multistage centrifugal pumps specially designed for water industry. The product performance is optimized by CFD, vibration and noise reduction analysis, and total new industiral design, the efficiency reaches the industry benchmark, vibration and noise comply with the national grade A standard. The products have the characteristics of ultra-efficient, super-quiet, compact, convenient maintenance, high reliability, beautiful appearance, etc.

Nameplate parameters

Flow	42 m³/h
Head	81 m
Unit Eta	74 %
Speed	2900 rpm
Number of stages	4

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)	10bar / 75 °C
Maximum Pressure/Temperature (low temperature)	10 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	32 42 65 SS exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	15KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Product Information 42 SS 4	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Motor

Rated Current (A)	27.9A
Energy Efficiency Level	IE3

Seal

Mechanical Seal	SS-22/S2B1F14

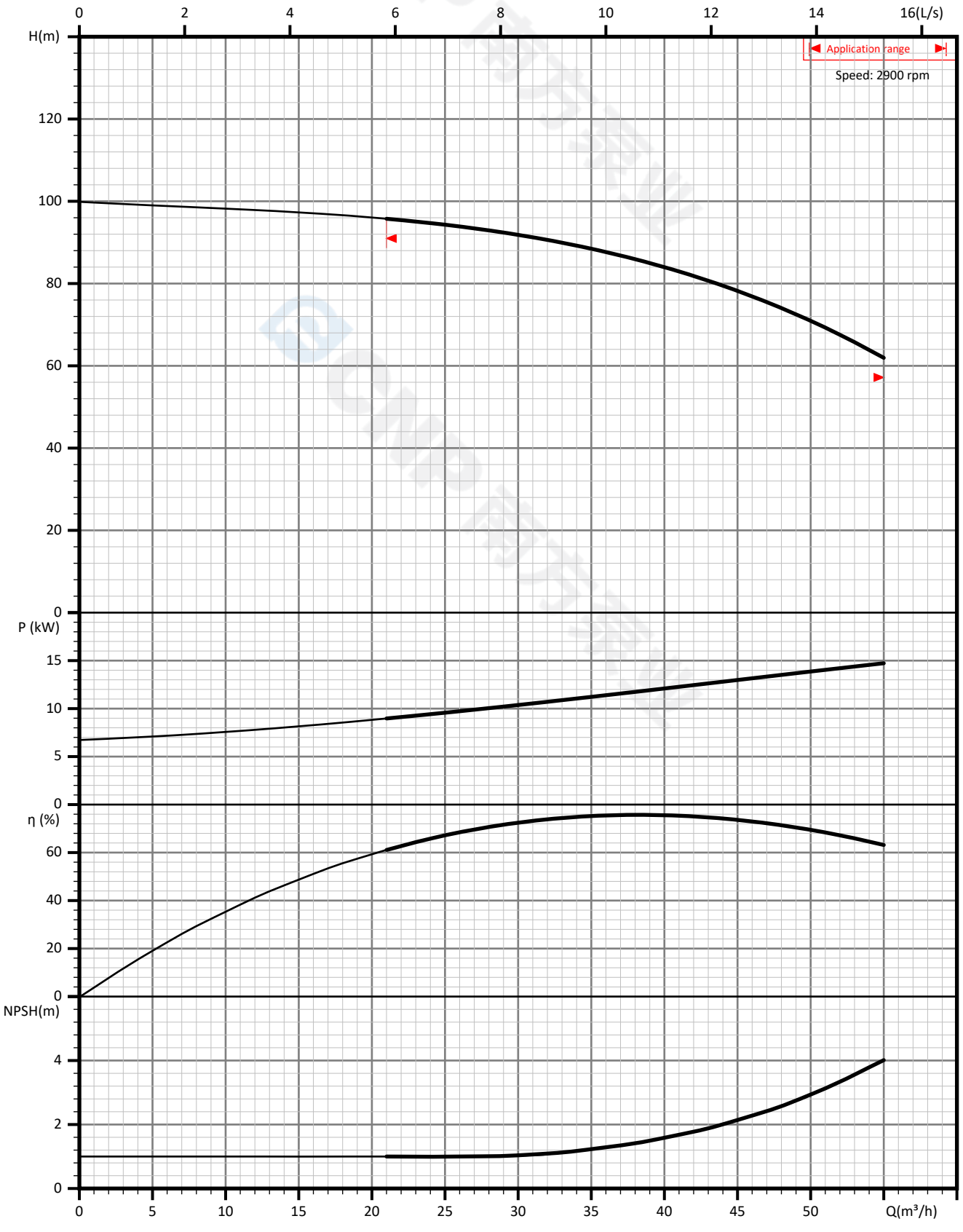
Others

Weight (kg)	197

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Performance Curve** **42 SS 4**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		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

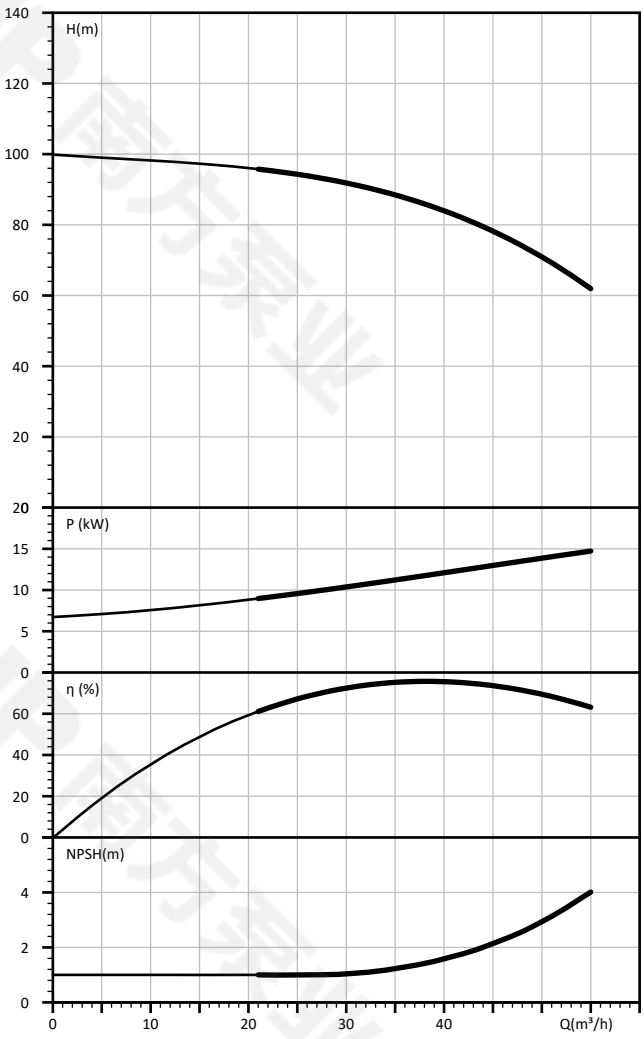


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters 42 SS 4	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

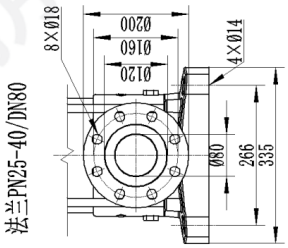
Rated parameters	
Pump model	42 SS 4
Part NO.	1100190661
Rated flow	42 m^3/h
Rated head	81 m
Rated Unit Eta	74 %
Rated Input Power	12.5 kW
NPSHr	2.5 m
Speed	2900 rpm
Max impeller diameter	136 mm

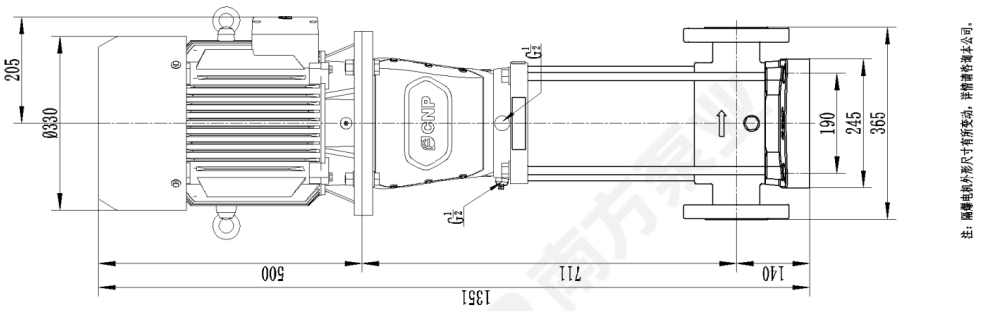
Medium	
Pumped medium	water
Working temperature	20 °C
Medium density	1000 kg/m^3
Viscosity	1 mm^2/s



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	**Dimension Drawing** **42 SS 4**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



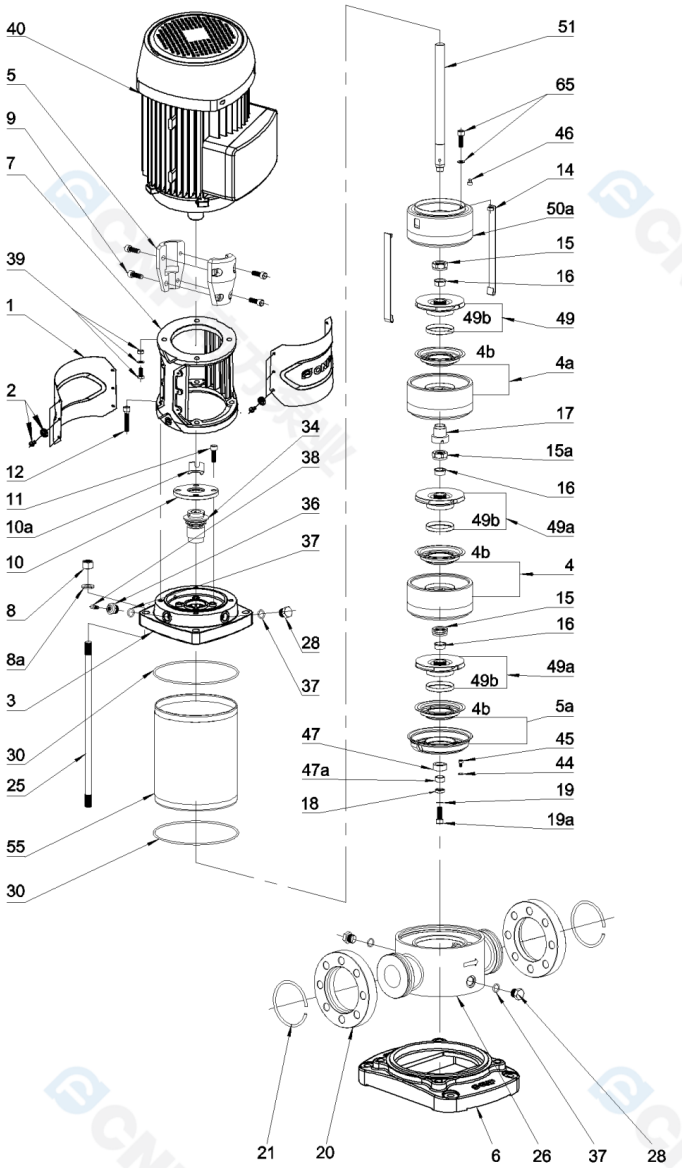


注：隔爆电机外形尺寸有所变动，详情请咨询本公司。

42 SS 4FSWSC

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view 42 SS 4	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

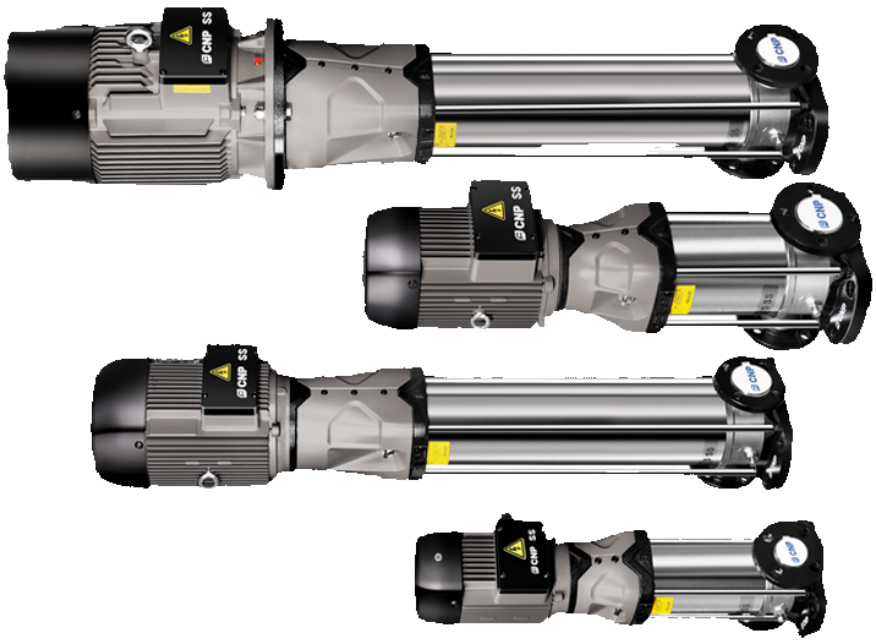


1、防护板
2、螺钉、塑料垫圈
3、泵头
4、导叶
(1级泵不存在)
4a、支撑导叶
(1、2级泵不存在)
4b、口环座组件
5、联轴器
5a、导流器
6、底座
7、支架
8、螺母M16
8a、垫圈16
9、螺钉
10、密封压盖
10a、调节片
11、螺钉
12、螺钉
14、拉带
15、叶轮螺母
15a、支撑螺母
(1、2级泵不存在)
16、锥套
17、中间轴套
(1、2级泵不存在)
18、压盖
19、垫圈
19a、螺钉M8×25-LH
20、法兰
21、卡环
25、拉杆
26、进出水段
28、螺堵
30、O形圈
34、机械密封
36、放气螺堵
37、O形圈16×2.8
38、放气螺栓
39、螺栓、垫圈、螺母
40、电机
44、垫圈6
45、螺钉M6×10
46、调节桩
47、下滑动轴承
47a、下轴套
49、小叶轮
49a、大叶轮
49b、口环套
50a、出水导叶
51、泵轴
55、耐压筒
65、螺钉M8×30、垫圈8

图1D 32, 42, 65 SS-200301

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture 42 SS 4	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data 42 SS 4	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/11/02
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

Pump model	42 SS 4
Part NO.	1100190661
Product price	
Quantity	1
Total price	

Inquiry notes