CNP 南方泵业	**Product Information** **5 SS 20**	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	

Part NO.	1100190599

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	5 m³/h
Head	124 m
Unit Eta	69 %
Speed	2900 rpm
Number of stages	20

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)	24 bar / 75°C
Maximum Pressure/Temperature (low temperature)	24 bar/-15 °C
Flange Standard	DIN
Pressure Class	PN25
Inlet & outlet	DN32

Medium

Medium Temperature normal temperature	-15°C+70°C
Medium Temperature high temperature	-15°C+120°C
Maximum Environment Temperature	40°C
Expolded view	5SS exploded view

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	3KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	220/380V

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Product Information 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	

Motor

Rated Current (A)	10.4/6.0A
Energy Efficiency Level	IE3

Seal

Mechanical Seal	SS-12/S2B1F14

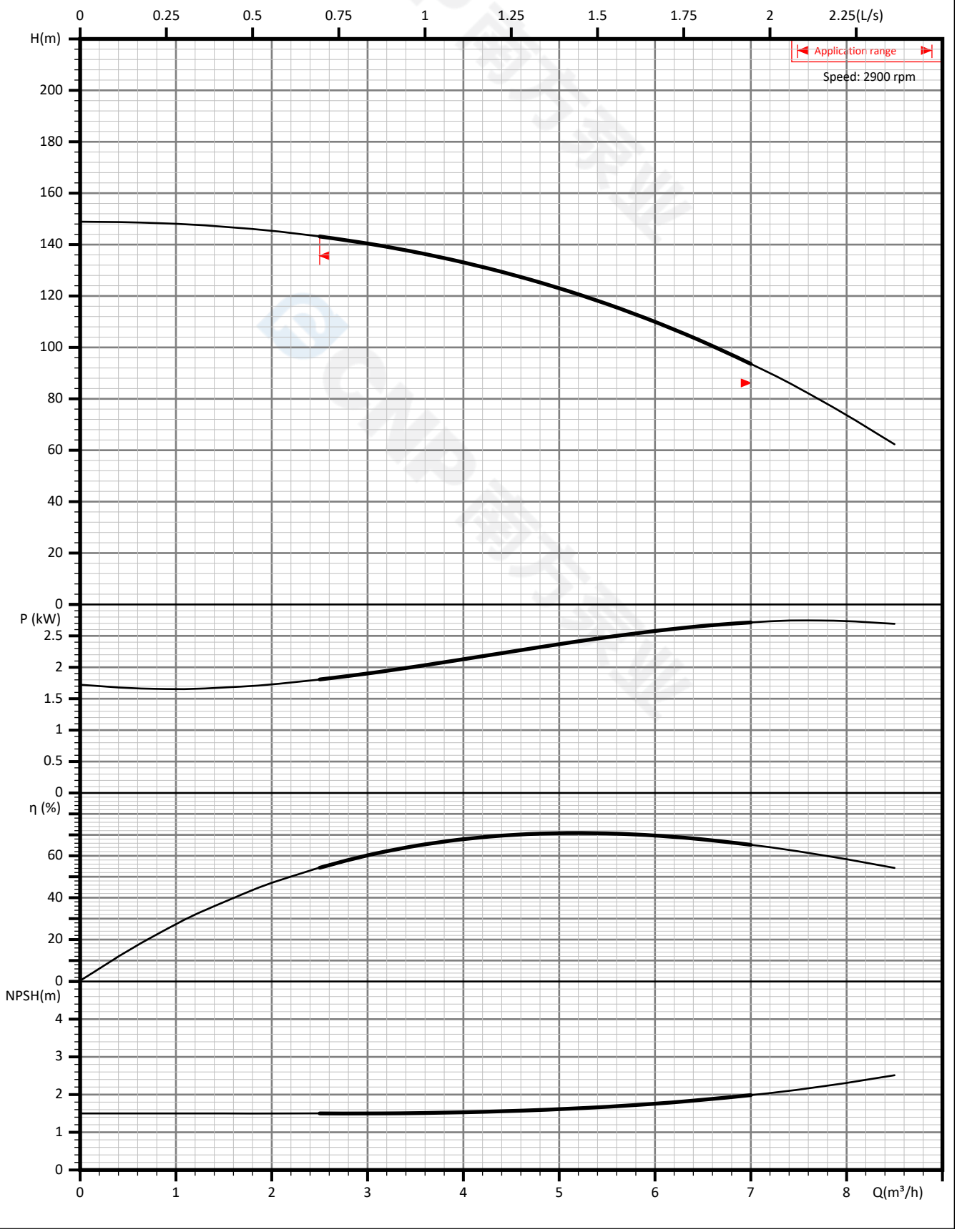
Others

Weight (kg)	51

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Performance Curve 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		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

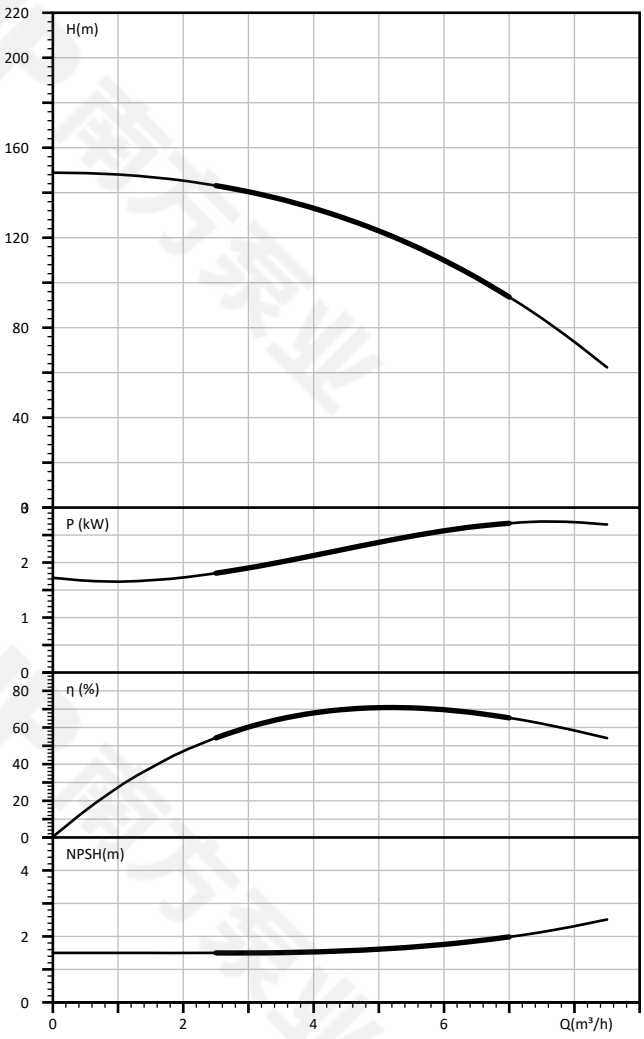


The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Pump Technical Parameters 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	

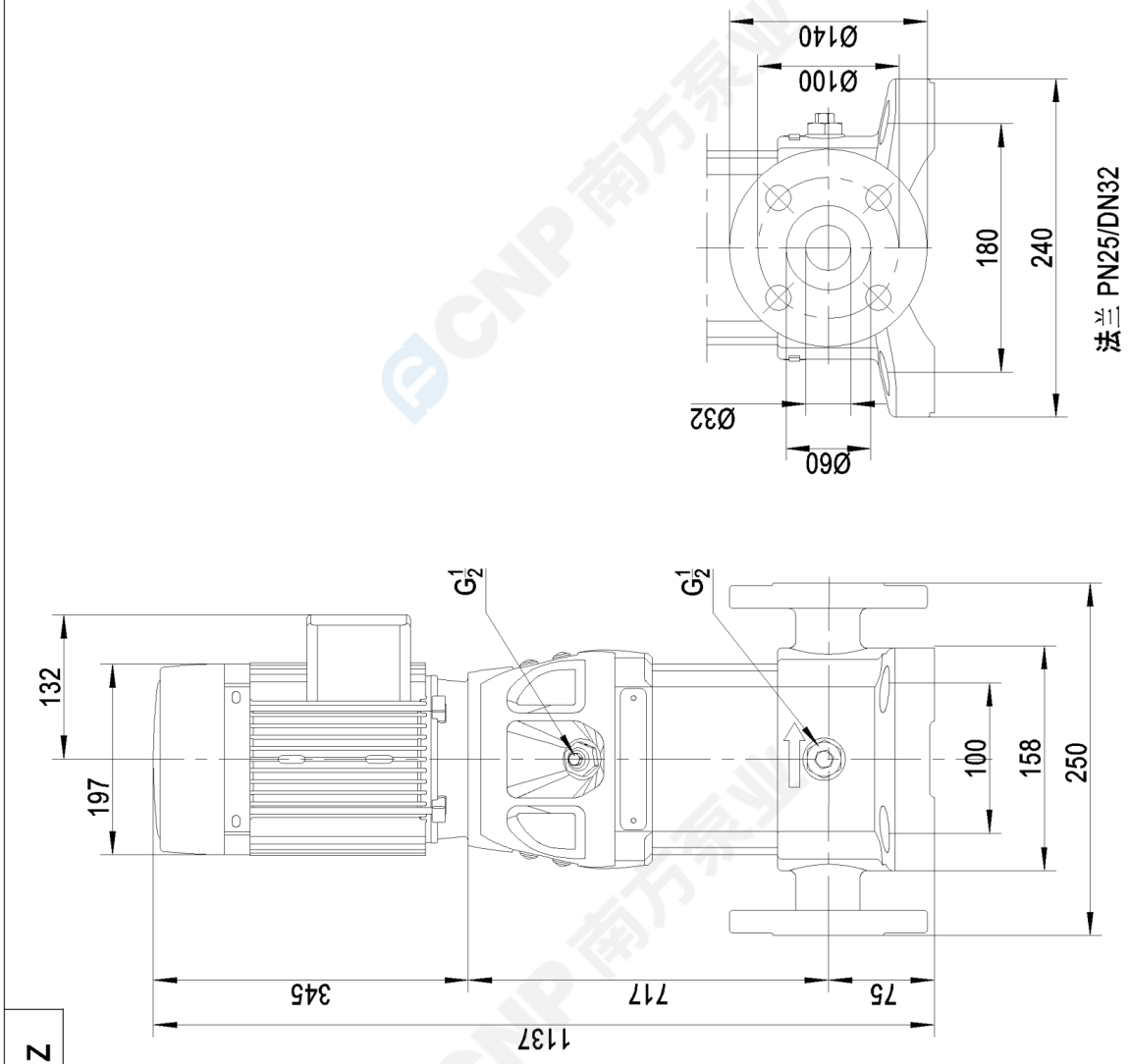
Rated parameters	
Pump model	5 SS 20
Part NO.	1100190599
Rated flow	5 m³/h
Rated head	124 m
Rated Unit Eta	69 %
Rated Input Power	2.45 kW
NPSHr	1.6 m
Speed	2900 rpm
Max impeller diameter	82 mm

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



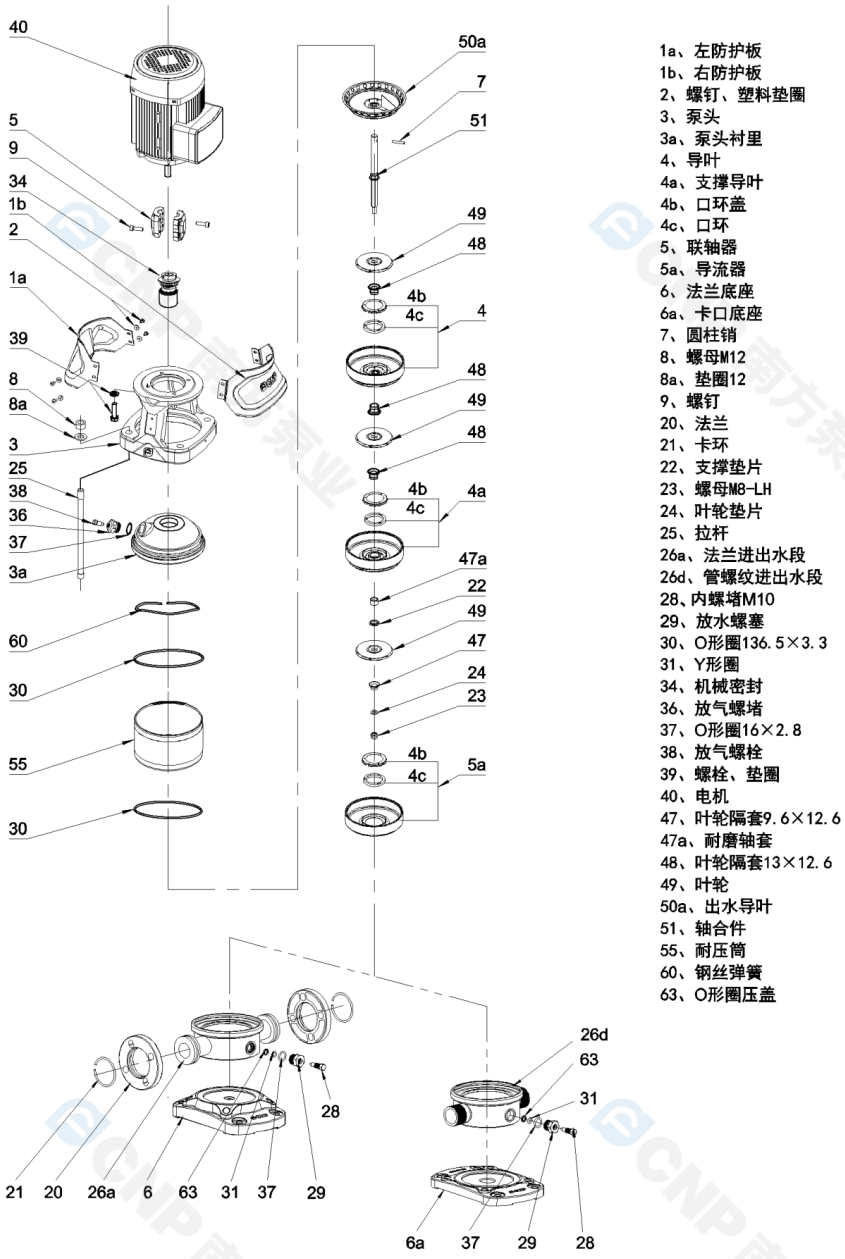
The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Dimension Drawing 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Expolded view 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	



1a、左防护板
1b、右防护板
2、螺钉、塑料垫圈
3、泵头
3a、泵头衬里
4、导叶
4a、支撑导叶
4b、口环盖
4c、口环
5、联轴器
5a、导流器
6、法兰底座
6a、卡口底座
7、圆柱销
8、螺母M12
8a、垫圈12
9、螺钉
20、法兰
21、卡环
22、支撑垫片
23、螺母M8-LH
24、叶轮垫片
25、拉杆
26a、法兰进出水段
26d、管螺纹进出水段
28、内螺堵M10
29、放水螺塞
30、O形圈136.5×3.3
31、Y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
40、电机
47、叶轮隔套9.6×12.6
47a、耐磨轴套
48、叶轮隔套13×12.6
49、叶轮
50a、出水导叶
51、轴合件
55、耐压筒
60、钢丝弹簧
63、O形圈压盖

图1A 5 SS-200301

The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Physical picture 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	



The manufacturer may change the dimensions and specifications without notice.

CNP 南方泵业	Order Data 5 SS 20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2026/10/28
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	Yash
		Contact	

Pump model	5 SS 20
Part NO.	1100190599
Product price	
Quantity	1
Total price	

Inquiry notes