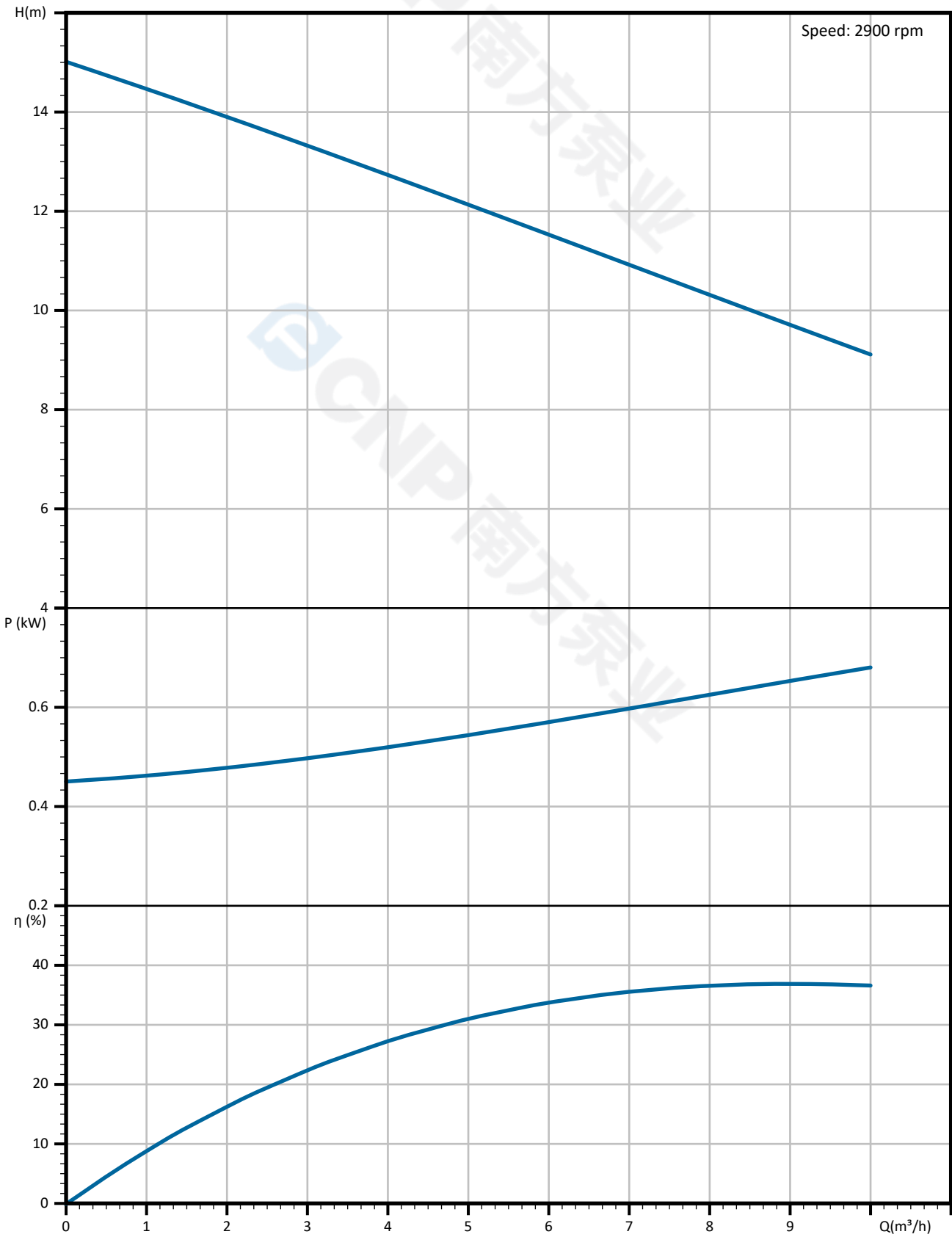


	Product Information 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	
		Contact	

Part NO.	1100270109
Product Picture: (Note: Images may not be the same as the product)	Note
	The ZW type non-clogging, self-priming sewage pump is a newly developed novel product. The pump adopts external sleeve coupled shaft structure, compact pump design, it has good self-priming ability, and high sewage draining performance. The products are suitable for a wide variety of applications including municipal wastewater drainage, river and pond aquaculture,light industry, paper industry, fiber and mixed suspension liquid conditon.
Nameplate parameters Flow 5 m³/h Head 12 m Efficiency 30 % Speed 2900 rpm Technology Pump rotator speed 2900 Material Impeller 304 Installation Maximum Operation Pressure 0.15MPa Maximum Altitude 1000M Medium Maximum diameter of particles (mm) 6mm Medium PH Value 4~12 Medium Density ≤1.2*103kg/m3 Maximum Environment Temperature ≤40°C Liquid Temperature Range 0°C40°C Structure dimension Inlet Bore 32mm Outlet Diameter 32mm Expolded view ZW exploded view Motor Number of Motor Phase Three Phase Protection Class IP55 Insulation Class F Motor Power(kW) 0.75kW Power Frequency(Hz) 50Hz Rated Voltage (V) 380V Rated Current (A) 1.7A Energy Efficiency Level IE3 Others Weight of Pump 67	

 CNP 南方泵业	Performance Curve 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³,and at 1bar atmospherical pressure. IS099062012 Grade 3B



 CNP 南方泵业	Pump Technical Parameters 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	32ZW(F)5-12
Part NO.	1100270109
Rated flow	5 m³/h
Rated head	12 m
Rated efficiency	30 (%)
Power (kW)	0.545 kW
Speed (rpm)	2900
Max impeller diameter (mm)	110
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The image displays three performance graphs for the pump 32ZW(F)5-12, plotted against flow rate Q in m³/h on the x-axis (0 to 10).

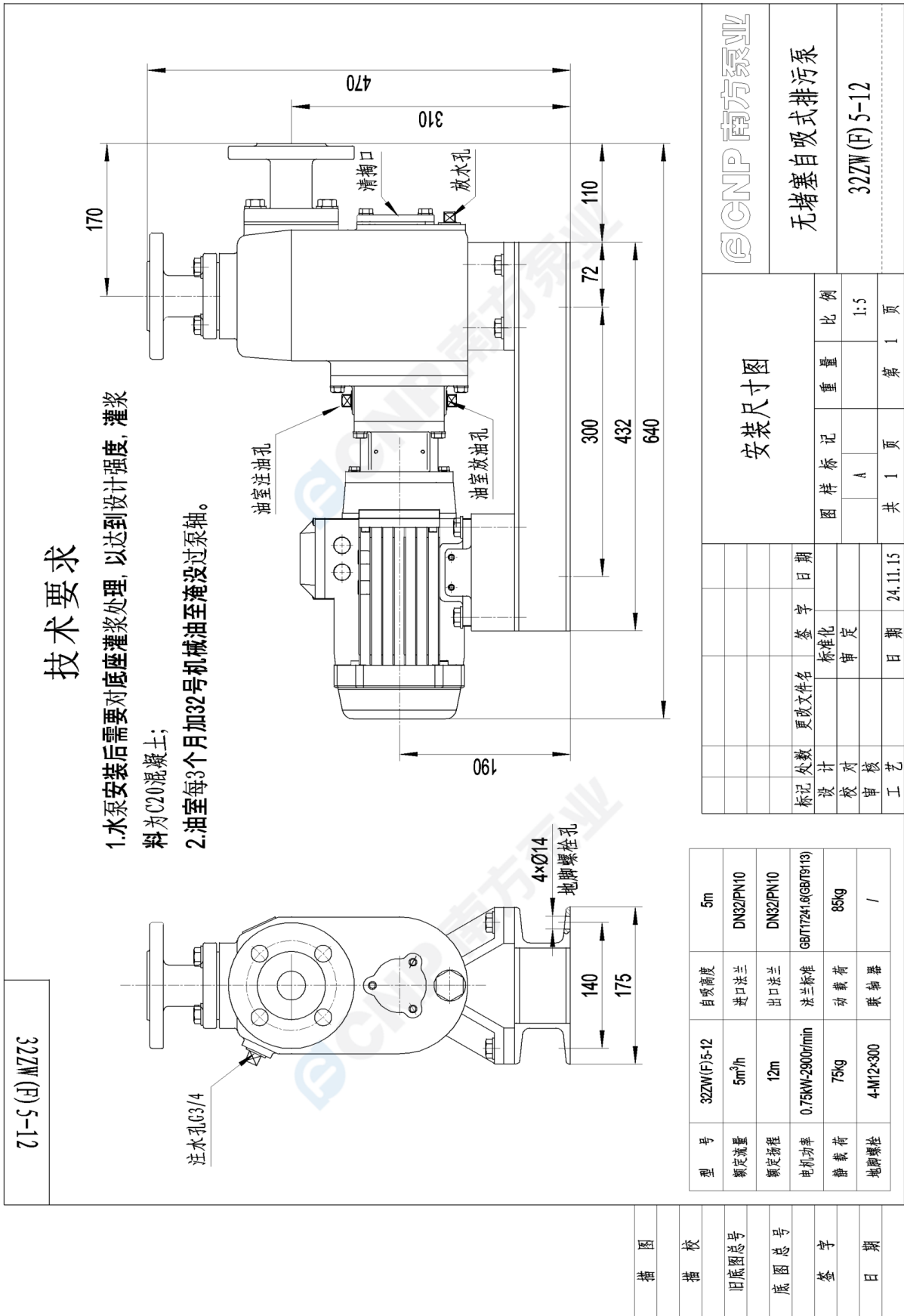
- Head H(m) vs Q(m³/h):** The head decreases linearly from approximately 15.0 m at 0 m³/h to 9.0 m at 10 m³/h.
- Power P(kW) vs Q(m³/h):** The power increases non-linearly from approximately 0.45 kW at 0 m³/h to 0.70 kW at 10 m³/h.
- Efficiency η(%) vs Q(m³/h):** The efficiency increases non-linearly from 0% at 0 m³/h to approximately 37% at 10 m³/h.

Q (m³/h)	H (m)	P (kW)	η (%)
0	15.0	0.45	0
2	14.0	0.48	15
4	13.0	0.52	28
6	12.0	0.58	35
8	11.0	0.65	37
10	9.0	0.70	37

CNP 南方泵业	Dimension Drawing 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
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Item NO		Contacts	
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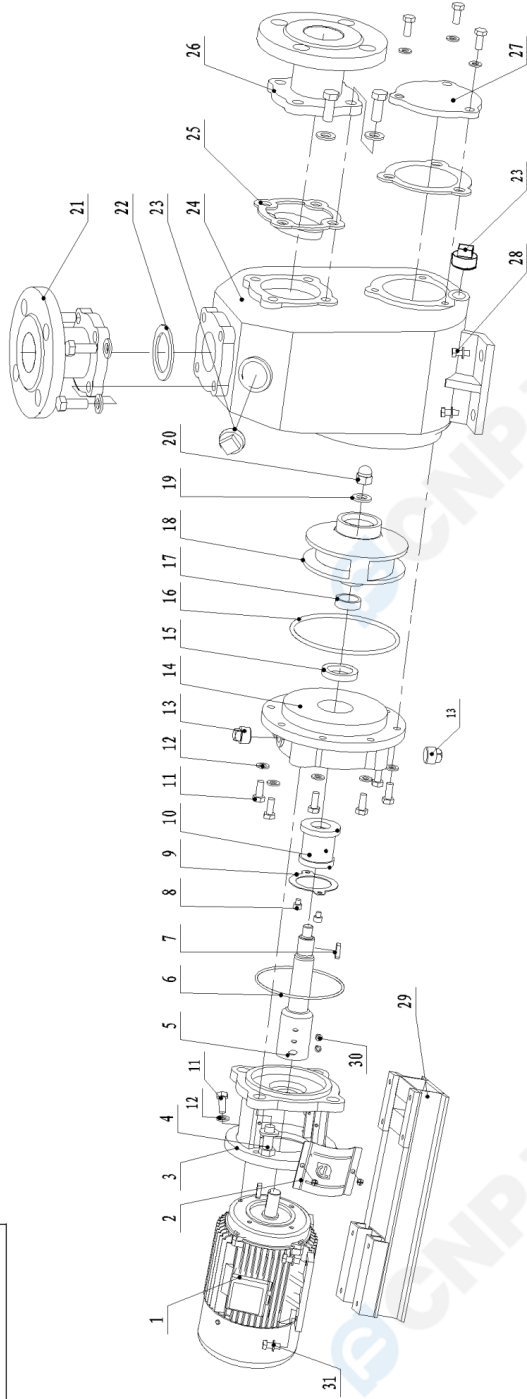
技术要求

- 水泵安装后需要对底座灌浆处理, 以达到设计强度, 灌浆料为C20混凝土;
- 油室每3个月加32号机械油至淹没过泵轴。



CNP 南方泵业	Explosed view 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
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Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	
		Contact	

(F) WZ



- 1.Motor 2.Protect board 3.Pump head 4.Bolts、Gaskets 5.Pump shaft 6.O-ring 7.Key 8.Screw 9.Static ring holder ring
10.Mechanical seal 11.Blot 12.Gasket 13.Screw plug 14.Pump cover 15.Skeleton oil seal(≥ 5.5kW:Journal bearing) 16.o-ring
17.Shaft sleeve 18.Impeller 19.Impeller gasket 20.Impeller nut 21.Outlet flange 22.Outlet flange gasket 23.Screw plug(spherical valve)
24.Pump body 25.Inlet valve plate 26.Inlet flange 27.Drainage cover 28.Bolts、Gaskets 29.Base 30.Screw 31.Bolts、Gaskets

CNP 南方泵业

爆炸图

无堵塞自吸式排污泵

ZW(F)

图样标记		重量	比例
设计	审核	1:1.5	
校对	工艺		
标记处数	更改文件名	签字	日期
设计	标准	审核	日期
校对	工艺	签字	日期
标记处数	更改文件名	签字	日期

共 1 页 第 1 页

描图
描校
旧底图总号
底图总号
签字
日期

 CNP 南方泵业	Physical picture 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	



 CNP 南方泵业	Order Data 32ZW(F)5-12	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Pump model 32ZW(F)5-12
Part NO. 1100270109
Product price
Quantity 1
Total price

Inquiry notes