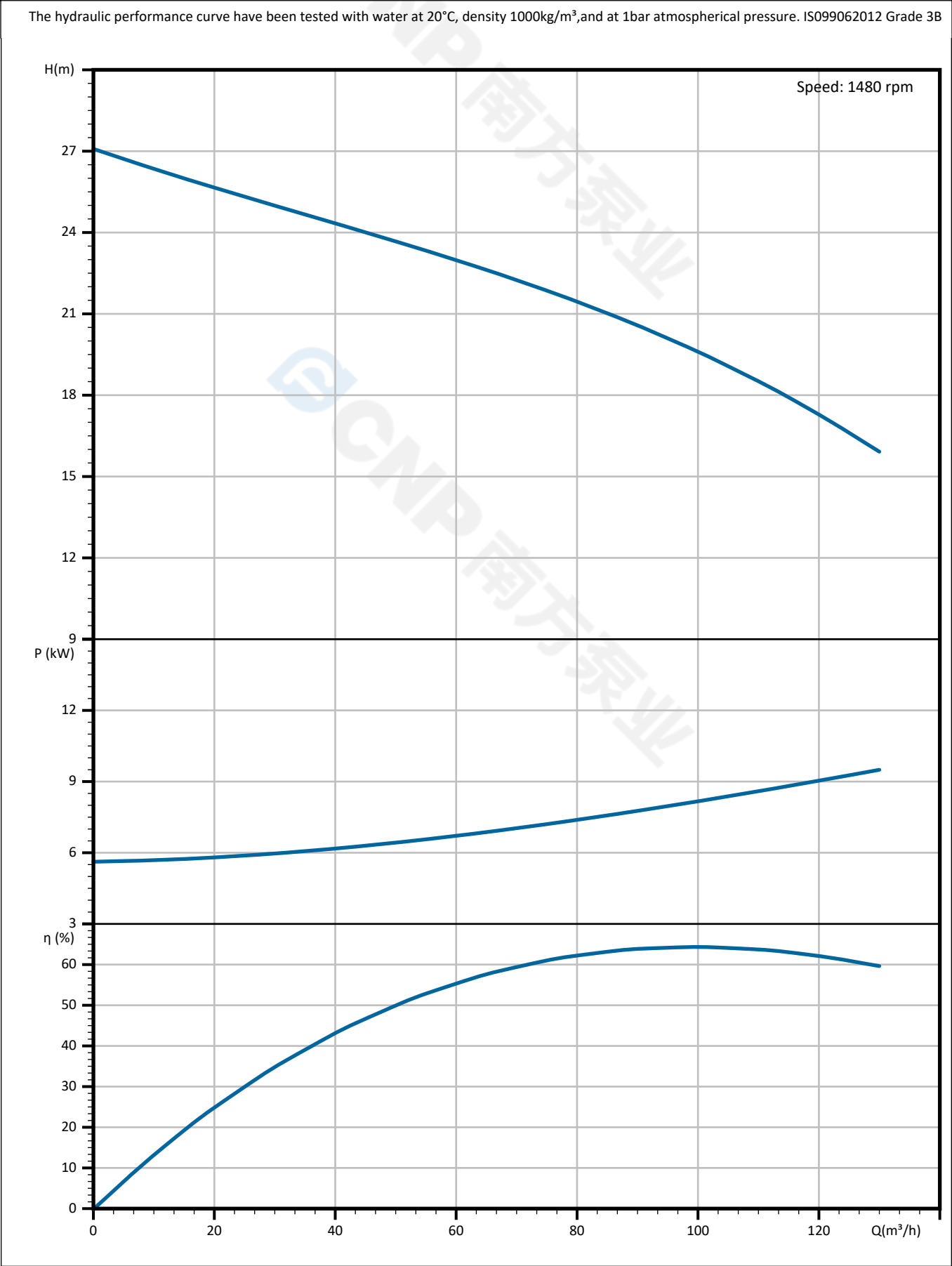


	Product Information 100ZW(F)100-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	Wepko
		Contact	

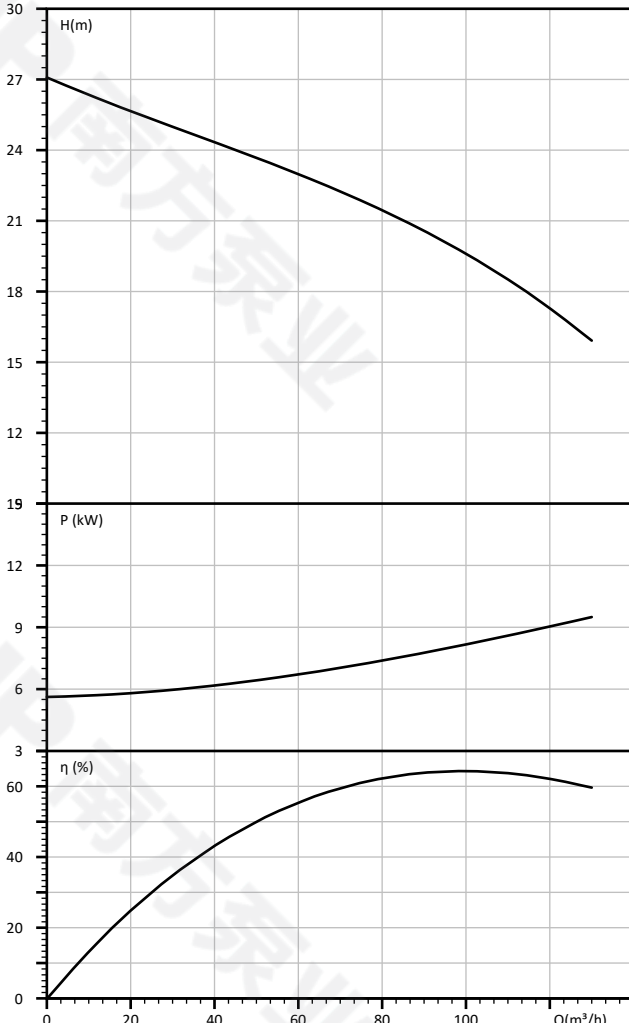
Part NO.	1100301238		
Product Picture: (Note: Images may not be the same as the product)		Note	
		The ZW type non-clogging, self-priming sewage pump is a newly developed novel product. The pump adopts external sleeve coupled shaft structure, compact pump design, it has good self-priming ability, and 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		100 m³/h	
Head		20 m	
Efficiency		62 %	
Speed		1480 rpm	
Technology			
Pump rotator speed		1480	
Material			
Impeller		304	
Installation			
Maximum Operation Pressure		0.27MPa	
Maximum Altitude		1000M	
Medium			
Maximum diameter of particles (mm)		20mm	
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		100mm	
Outlet Diameter		80mm	
Expolded view		ZW exploded view	
Motor			
Number of Motor Phase		Three Phase	
Protection Class		IP55	
Insulation Class		F	
Motor Power(kW)		11kW	
Power Frequency(Hz)		50Hz	
Rated Voltage (V)		380V	
Rated Current (A)		21.5A	
Energy Efficiency Level		IE3	
Others			
Weight of Pump		350	

	Performance Curve 100ZW(F)100-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		Contact	



 CNP 南方泵业	Pump Technical Parameters 100ZW(F)100-20	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	Wepko
		Contact	

Rated parameters	
Pump model	100ZW(F)100-20
Part NO.	1100301238
Rated flow	100 m³/h
Rated head	20 m
Rated efficiency	62 (%)
Power (kW)	8.79 kW
Speed (rpm)	1480
Max impeller diameter (mm)	262
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



Q (m³/h)	H (m)
0	27
20	25.5
40	24
60	22.5
80	21
100	19
110	16

Q (m³/h)	P (kW)
0	5.5
20	5.6
40	5.8
60	6.2
80	6.8
100	7.5
110	8.5

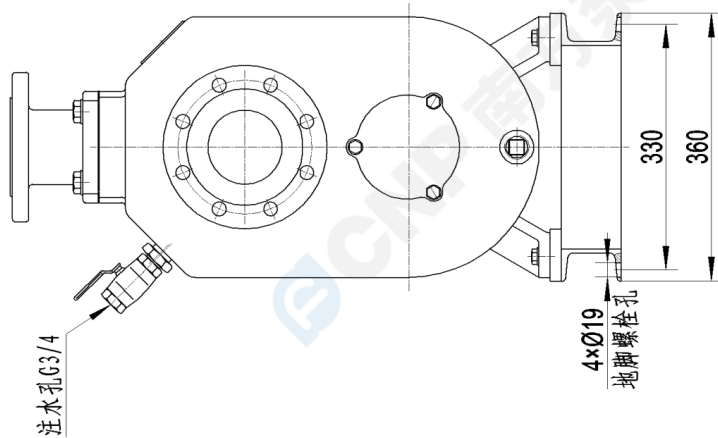
Q (m³/h)	η (%)
0	0
20	25
40	45
60	58
80	64
100	65
110	60

CNP 南方泵业	Dimension Drawing 100ZW(F)100-20	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	Wepko
		Contact	

技术要求

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

100ZW(F)100-20



描图

描校

旧底图总号

底图总号

签字

日期

型号	100ZW(F)100-20	自吸高度	4.5m
额定流量	100m³/h	进口法兰	DN100/PN10
额定扬程	20m	出口法兰	DN80/PN10
电机功率	11kW-1480r/min	法兰标准	GB/T7241.6 (GB/T9113)
静载荷	415kg	动载荷	485kg
地脚螺栓	4-M16×400	联轴器	/

安装尺寸图

无堵塞自吸式排污泵

100ZW(F)100-20

CNP 南方泵业

图样标记

重量

比例

346kg

1:8

共 1 页

第 1 页

标记处数

设计

校对

审核

工艺

更改文件名

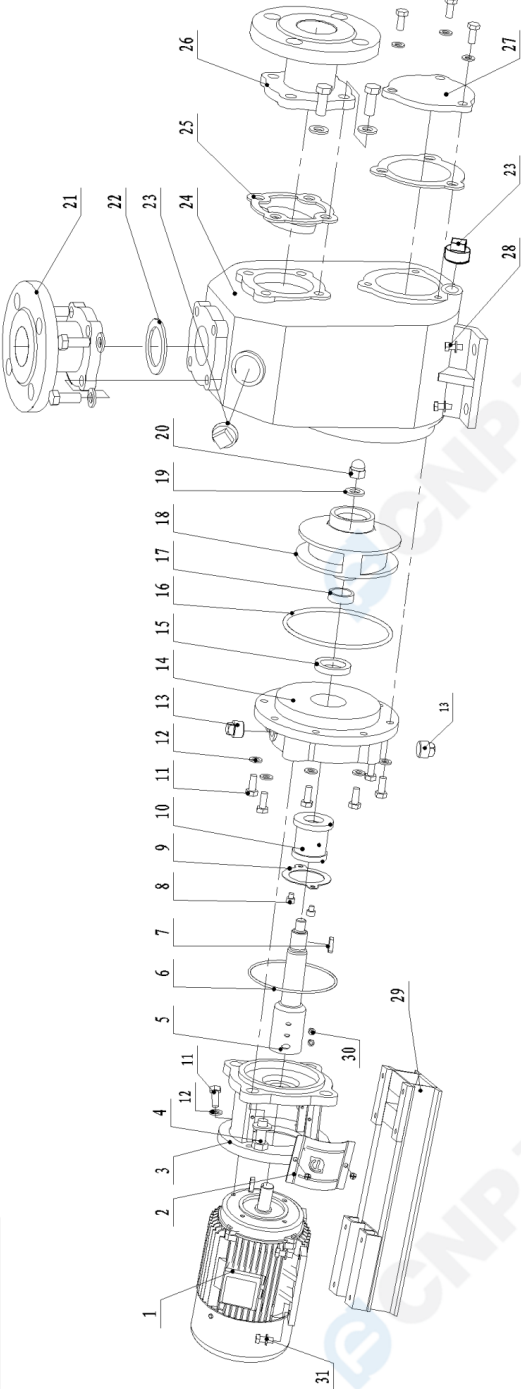
签字

日期

24.11.15

 CNP 南方泵业	Explosed view 100ZW(F)100-20	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	Wepko
		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

爆炸图

图样标记

重量

比例

1:1.5

共 1 页

第 1 页

设计

校核

审核

工艺

更改文件名

标准

审定

日期

日期

描 图
描 校
旧底图总号
底图总号
签 字
日 期

 CNP 南方泵业	Physical picture 100ZW(F)100-20	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	Wepko
		Contact	



 CNP 南方泵业	Order Data 100ZW(F)100-20	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	Wepko
		Contact	

Pump model 100ZW(F)100-20
Part NO. 1100301238
Product price
Quantity 1
Total price

Inquiry notes