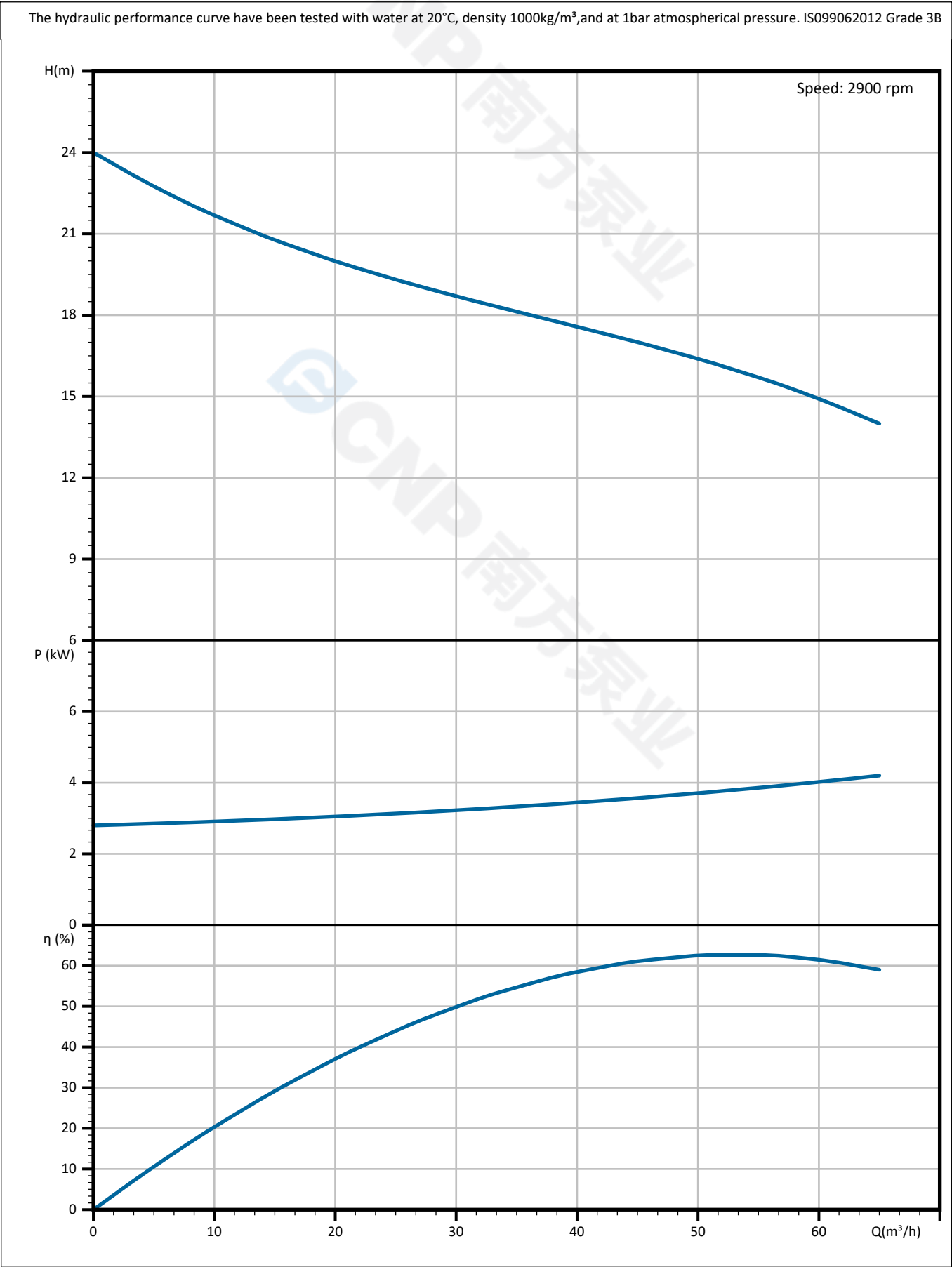


	Product Information 80ZW(F)45-15	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
Project Name		Client Name	WEPKO
		Client Addr.	
Item NO		Contacts	
		Contact	

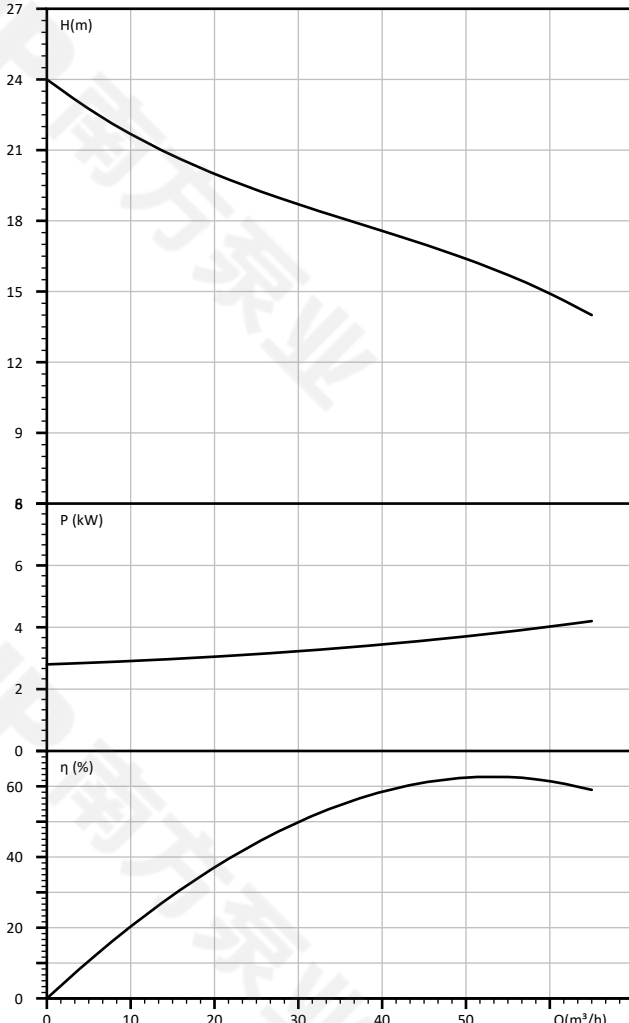
Part NO.	1100270122
Product Picture: (Note: Images may not be the same as the product)	Note
	The ZW type non-clogging, self-priming sewage pump is a newly developed novel product. The pump adopts external sleeve coupled shaft structure, compact pump design, it has good self-priming ability, and high 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 45 m³/h Head 15 m Efficiency 58 % Speed 2900 rpm Technology Pump rotator speed 2900 Material Impeller 304 Installation Maximum Operation Pressure 0.25MPa Maximum Altitude 1000M Medium Maximum diameter of particles (mm) 18mm 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 80mm Outlet Diameter 65mm Expolded view ZW exploded view Motor Number of Motor Phase Three Phase Protection Class IP55 Insulation Class F Motor Power(kW) 5.5kW Power Frequency(Hz) 50Hz Rated Voltage (V) 380V Rated Current (A) 10.6A Energy Efficiency Level IE3 Others Weight of Pump 220	

	Performance Curve 80ZW(F)45-15	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
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		Date	2025/07/09
Project Name		Client Name	WEPKO
Item NO		Client Addr.	
		Contacts	
		Contact	



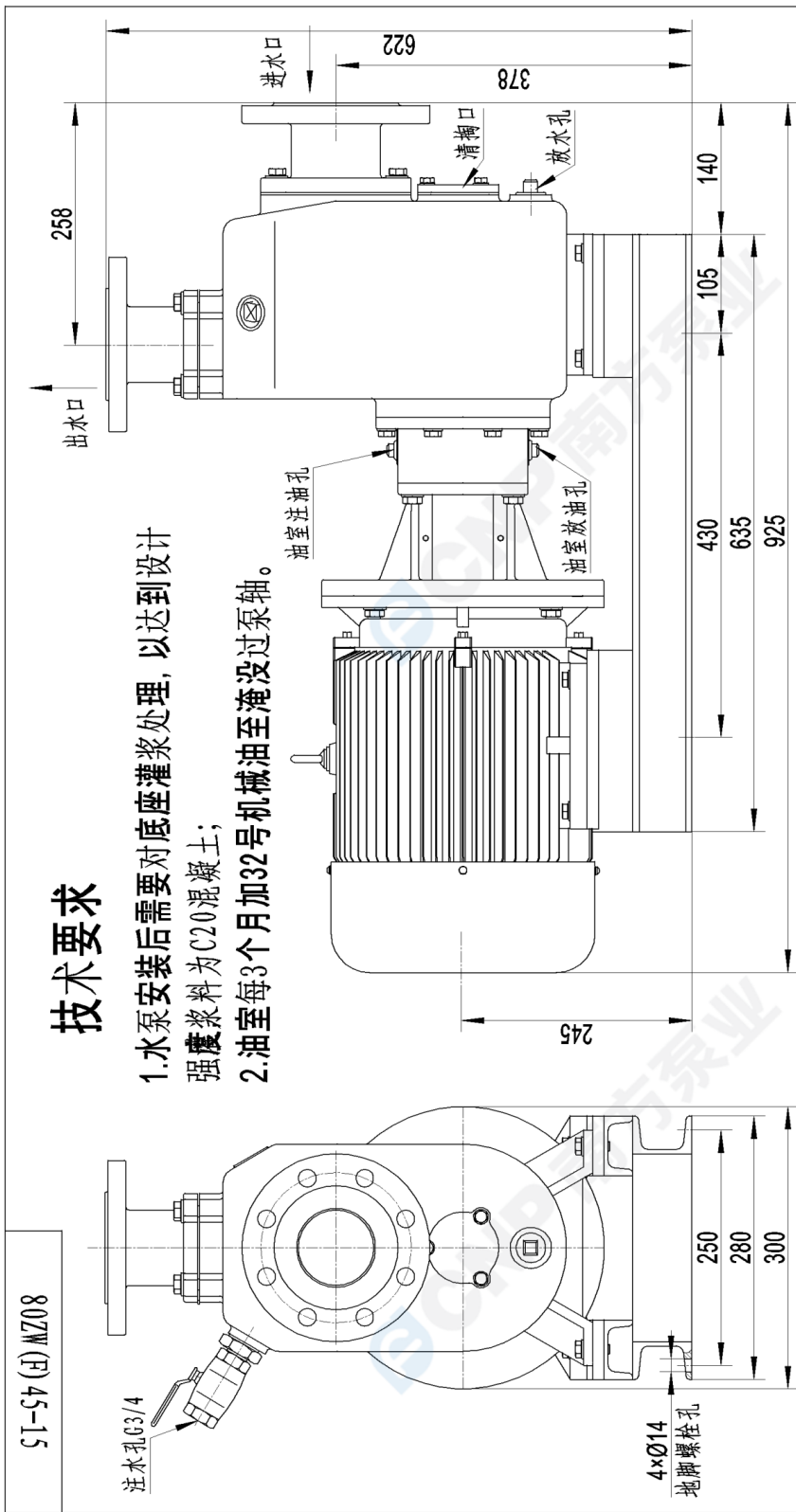
 CNP 南方泵业	Pump Technical Parameters 80ZW(F)45-15	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/07/09
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	80ZW(F)45-15
Part NO.	1100270122
Rated flow	45 m³/h
Rated head	15 m
Rated efficiency	58 (%)
Power (kW)	3.17 kW
Speed (rpm)	2900
Max impeller diameter (mm)	135
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



Flow Q (m³/h)	Head H (m)	Power P (kW)	Efficiency η (%)
0	24	3.0	0
10	21.5	3.1	20
20	19.5	3.2	38
30	18.0	3.3	50
40	16.5	3.5	60
50	15.0	3.8	65
55	14.0	4.2	60

 CNP 南方泵业	Dimension Drawing 80ZW(F)45-15	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	
		Contact	



描图

描校

旧底图总号

底图总号

签字

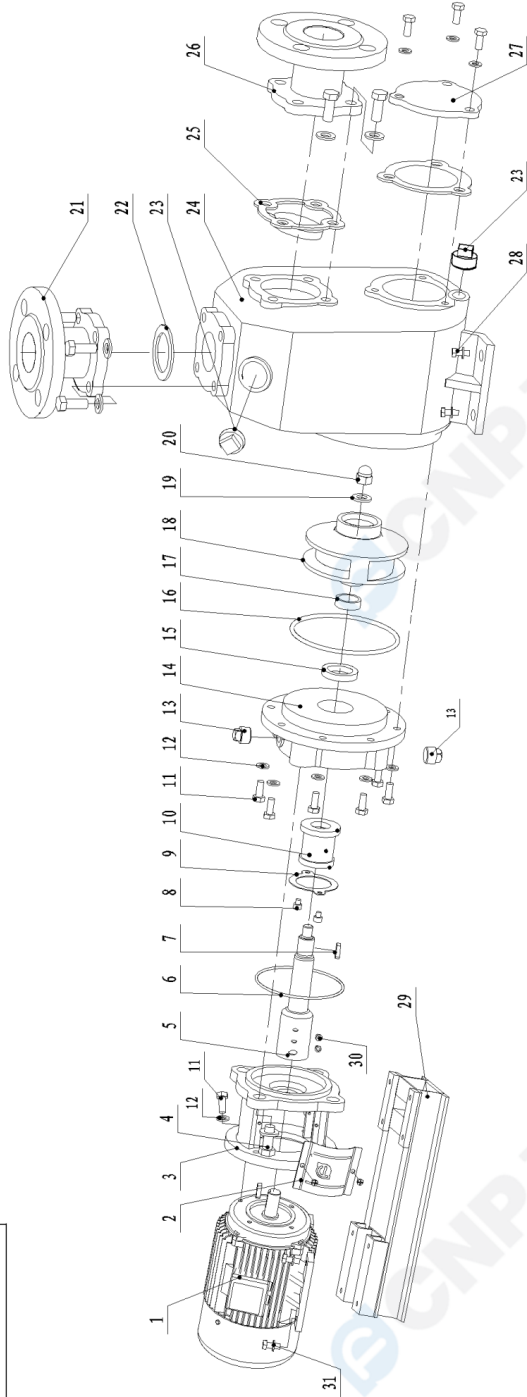
日期

型号	80ZW(F)45-15	自吸高度	5m
额定流量	45m³/h	进口法兰	DN80/PN10
额定扬程	15m	出口法兰	DN65/PN10
电机功率	5.5kW-2900r/min	法兰标准	GB/T1724.6 (GB/T113)
静载荷	265kg	动载荷	308kg
地脚螺栓	4-M12×300	联轴器	曲面爪型联轴器

安装尺寸图				无堵塞自吸式排污泵	
图样	标记	重量	比例	80ZW(F)45-15	
设计	审核	220kg	1:6		
校核	审定				
工艺	日期	24.11.15	共 1 页	第 1 页	

CNP 南方泵业	Explosed view 80ZW(F)45-15	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	

(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)

标记处数	更改文件名	签字	日期
设计	标准化		
校对	审定		
审核		日期	
工艺			

图样标记	重量	比例
A		1:1.5
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 80ZW(F)45-15	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 80ZW(F)45-15	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 80ZW(F)45-15

Part NO. 1100270122

Product price

Quantity 1

Total price

Inquiry notes