

 CNP 南方泵业	Product Information ZM65-50-125/2.2	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2025/11/04
		Client Name	WEPKO
Project Name		Client Addr.	
Item NO		Contacts	
		Contact	

Part NO.	1100338187
Product Picture: (Note: Images may not be the same as the product)	Note
	ZM2SIS

Nameplate parameters

Flow	50 m ³ /h
Head	11 m
Efficiency	70 %
Speed	2900 rpm

Technology

Pump rotator speed	2900
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Material

Impeller	304
Rubber code	P
Material Code	S

Installation

Maximum Operation Pressure	10bar
Maximum Altitude	1000m

Medium

Maximum Environment Temperature	40°C
Liquid Temperature Range	-20°C~100°C

Structure dimension

Rotation Direction	Clockwise rotation viewed from motor end
Expolded view	ZM

Motor

Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power(kW)	2.2KW
Power Frequency(Hz)	50HZ
Rated Voltage (V)	380V
Rated Current (A)	4.6
Energy Efficiency Level	IE3

Seal

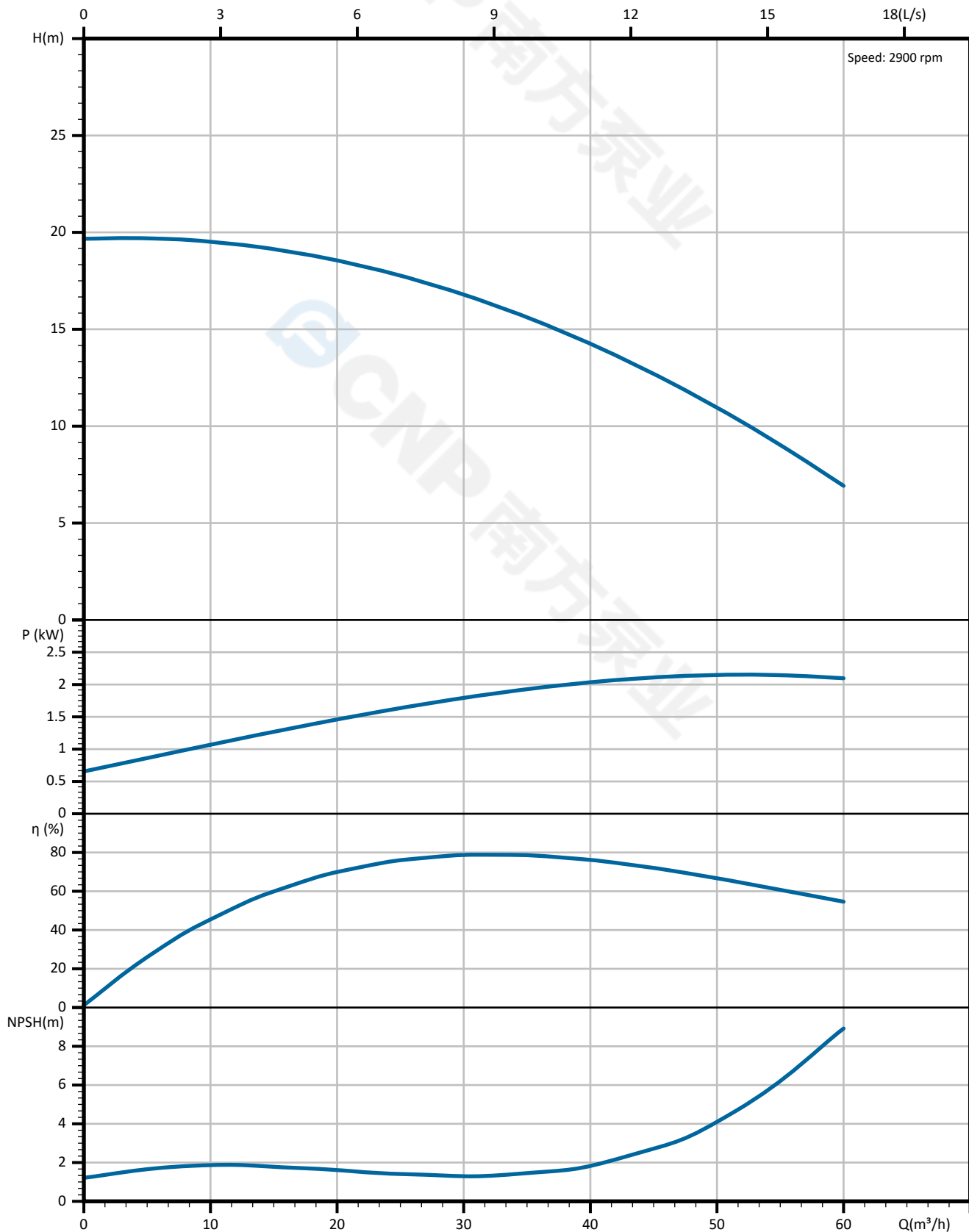
Mechanical Seal	ZS-24/BSE4
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Others

Weight (kg)	41
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 CNP 南方泵业	Performance Curve ZM65-50-125/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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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 ZM65-50-125/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Rated parameters	
Pump model	ZM65-50-125/2.2
Part NO.	1100338187
Rated flow	50 m³/h
Rated head	11 m
Eta	70 (%)
Power (kW)	2.14 kW
NPSHr (m)	3.6
Speed (rpm)	2900
Max impeller diameter (mm)	124
Medium	
Pumped medium	water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

The figure displays four performance curves for the pump ZM65-50-125/2.2, plotted against the flow rate Q in m^3/h on the x-axis (ranging from 0 to 60). The y-axes represent Head H in meters, Power P in kW, Efficiency η in %, and Net Positive Suction Head NPSH in meters.

- Head H (m) vs Flow Q (m^3/h):** The head starts at approximately 19.5 m at $Q=0$ and decreases to about 7 m at $Q=60$.
- Power P (kW) vs Flow Q (m^3/h):** The power starts at approximately 0.5 kW at $Q=0$, increases to a peak of about 2.2 kW at $Q=40$, and then slightly decreases.
- Efficiency η (%) vs Flow Q (m^3/h):** The efficiency starts at 0% at $Q=0$, increases to a peak of about 80% at $Q=30$, and then decreases to about 60% at $Q=60$.
- NPSH (m) vs Flow Q (m^3/h):** The required NPSH starts at approximately 1.5 m at $Q=0$, remains relatively flat until $Q=40$, and then rises to about 8 m at $Q=60$.

 CNP 南方泵业	Physical picture ZM65-50-125/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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 CNP 南方泵业	Order Data ZM65-50-125/2.2	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Pump model ZM65-50-125/2.2

Part NO. 1100338187

Product price

Quantity 1

Total price

Inquiry notes