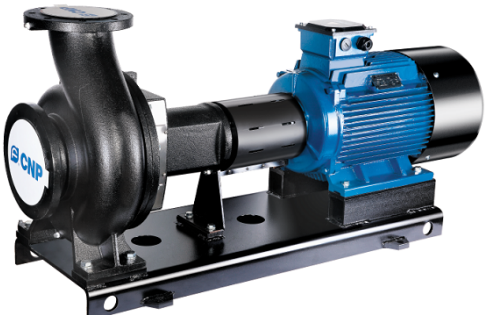
	<b>Product Information</b> <b>NISO150-125-400/75</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
<b>Project Name</b>		Contact	86-571-88637351
		Date	2022/03/08
<b>Item NO</b>		Client Name	DPA
		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100053946
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Product Picture	Note
	<p>Non-prime single stage horizontal end suction centrifugal pump, axial inlet and radial outlet, back pull out design, easy maintenance without removing pumpbody and pipe system.</p>

<b>technology</b>	
Pump rotator speed	1480
Nameplate standards	CE
<b>Material</b>	
Impeller	HT200
Pump cover	HT200
Pump body	QT500-7
Pump shaft	20Cr13
Rubber code	P
Material Code	H
<b>Installation</b>	
Maximum Operation Pressure	16Bar
Maximum Inlet Pressure	6Bar
<b>Medium</b>	
Medium Temperature	-15~110
<b>Structure dimension</b>	
Inlet & outlet size types	DN
Inlet Bore	150
Outlet Diameter	125
Rotation Direction	Anti-clockwise rotation viewing from inlet
<b>Motor</b>	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	75
Motor model	YE2
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	139
Energy Efficiency Level	IE2
<b>Seal</b>	
Mechanical Seal	NISO-53/BSE4
<b>Others</b>	
Weight (kg)	827



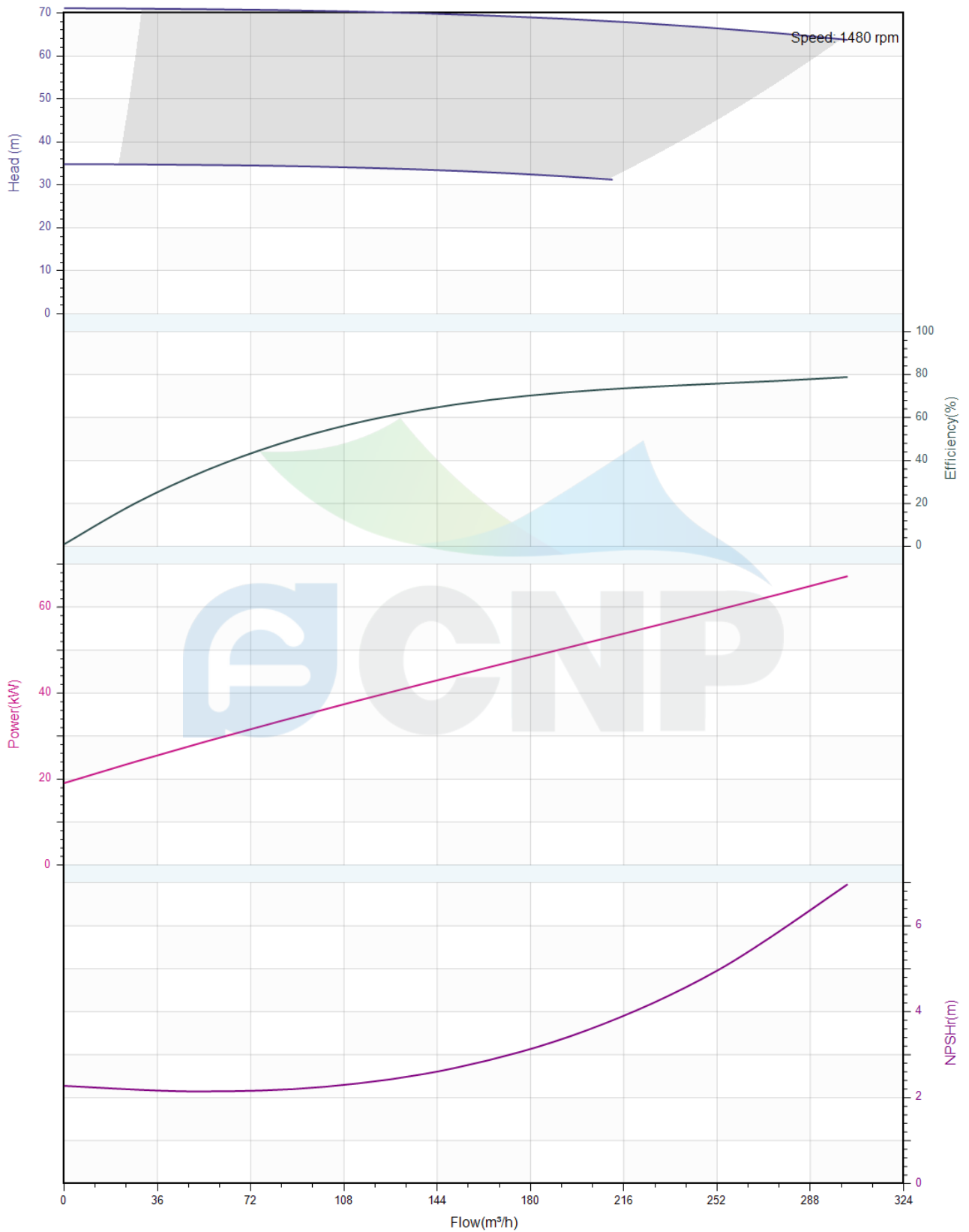
# Performance Curve NISO150-125-400/75

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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. ISO99062012 Grade 3B





## Pump Technical Parameters NISO150-125-400/75

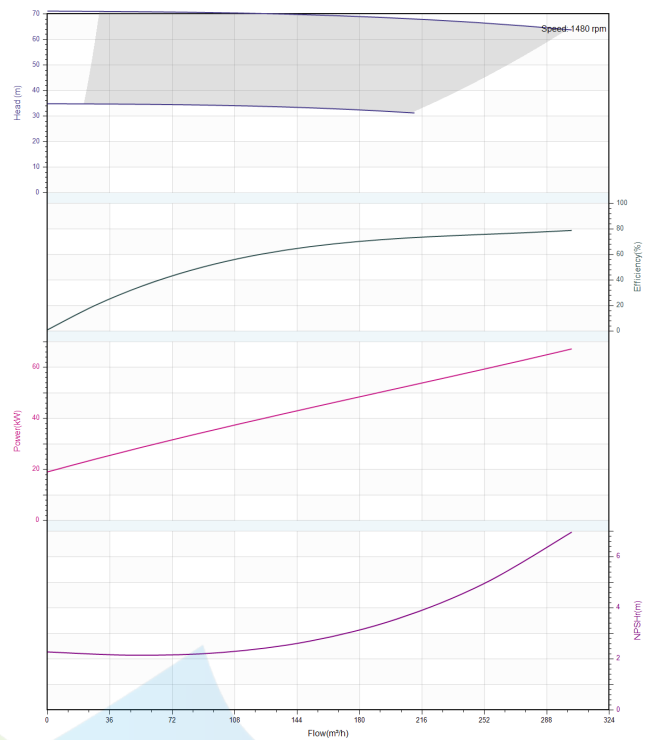
Manufacturer	CNP
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### Rated parameters

Pump model	NISO150-125-400/75
Part NO.	1100053946
Rated flow (m <sup>3</sup> /h)	200
Rated head (m)	68
Rated efficiency (%)	74
Power (kW)	50.08
NPSHr (m)	3.5
Speed (rpm)	1480
Max impeller diameter (mm)	438

### Medium

Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m <sup>3</sup> )	1000
Viscosity (mm <sup>2</sup> /s)	1



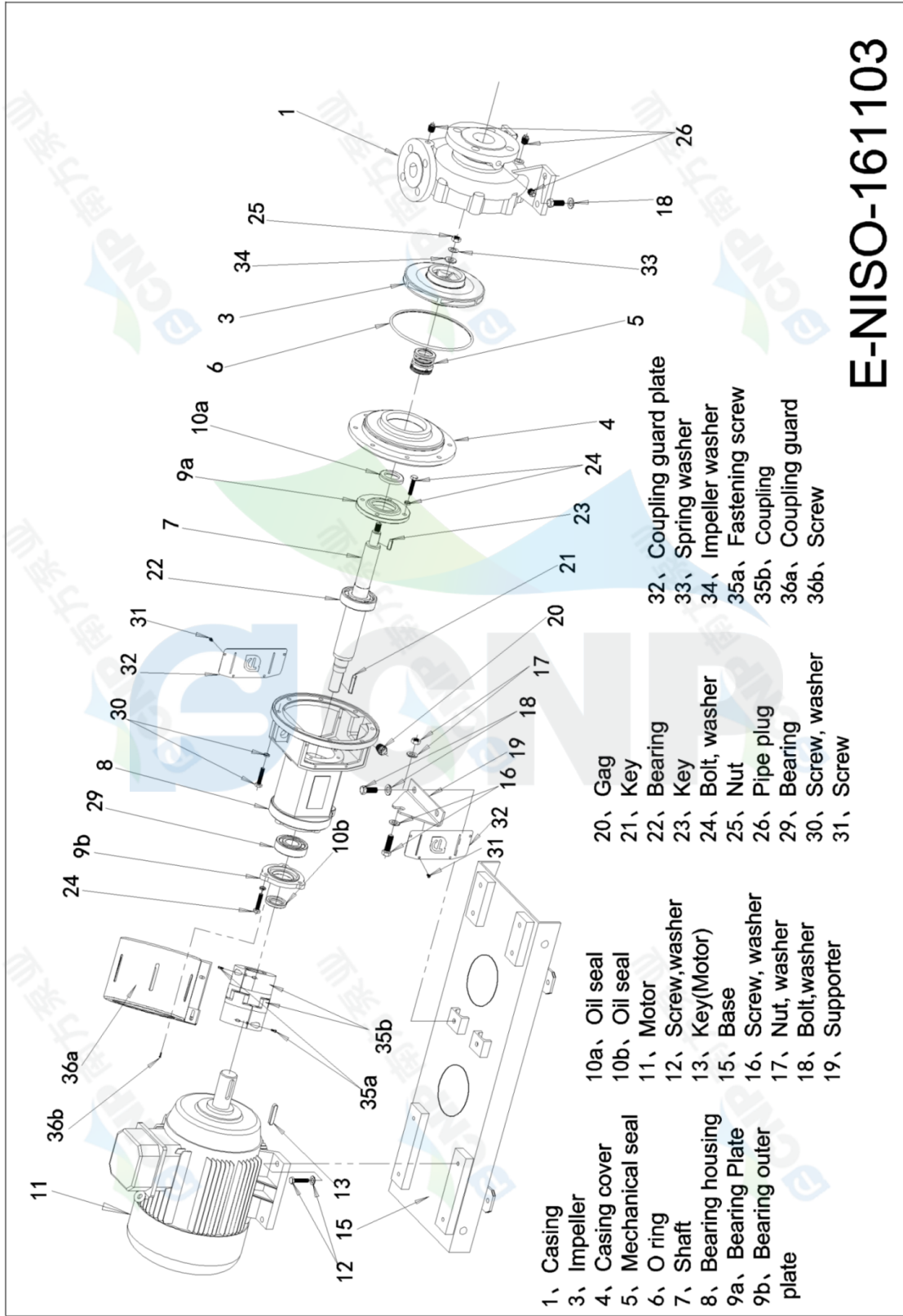


**Structure picture**  
**NISO150-125-400/75**

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1、 Casing

3、 Impeller

4、 Casing cover

5、 Mechanical seal

6、 O ring

7、 Shaft

8、 Bearing housing

9a、 Bearing Plate

9b、 Bearing outer plate

10a、 Oil seal

10b、 Oil seal

11、 Motor

12、 Screw,washer

13、 Key(Motor)

15、 Base

16、 Screw, washer

17、 Nut, washer

18、 Bolt,washer

19、 Supporter

20、 Gag

21、 Key

22、 Bearing

23、 Key

24、 Bolt, washer

25、 Nut

26、 Pipe plug

29、 Bearing

30、 Screw, washer

31、 Screw

32、 Coupling guard plate

33、 Spring washer

34、 Impeller washer

35a、 Fastening screw

35b、 Coupling

36a、 Coupling guard

36b、 Screw

**E-NISO-161103**



**Dimension Drawing**  
**NISO150-125-400/75**

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