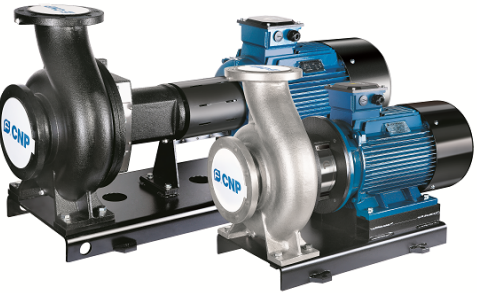
	<b>Product Information</b> <b>NIS125-100-400/45</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
<b>Project Name</b>		Contact	86-571-88637351
		Date	2022/03/06
<b>Item NO</b>		Client Name	DPA
		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100054618
----------	------------

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
<b>Material</b>	
Impeller	HT200
Pump body	QT500-7
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	125
Outlet Diameter	100
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	45
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	85.4
Energy Efficiency Level	IE3
<b>Seal</b>	
Mechanical Seal	NISO-53/BSE4
<b>Others</b>	
Weight (kg)	552

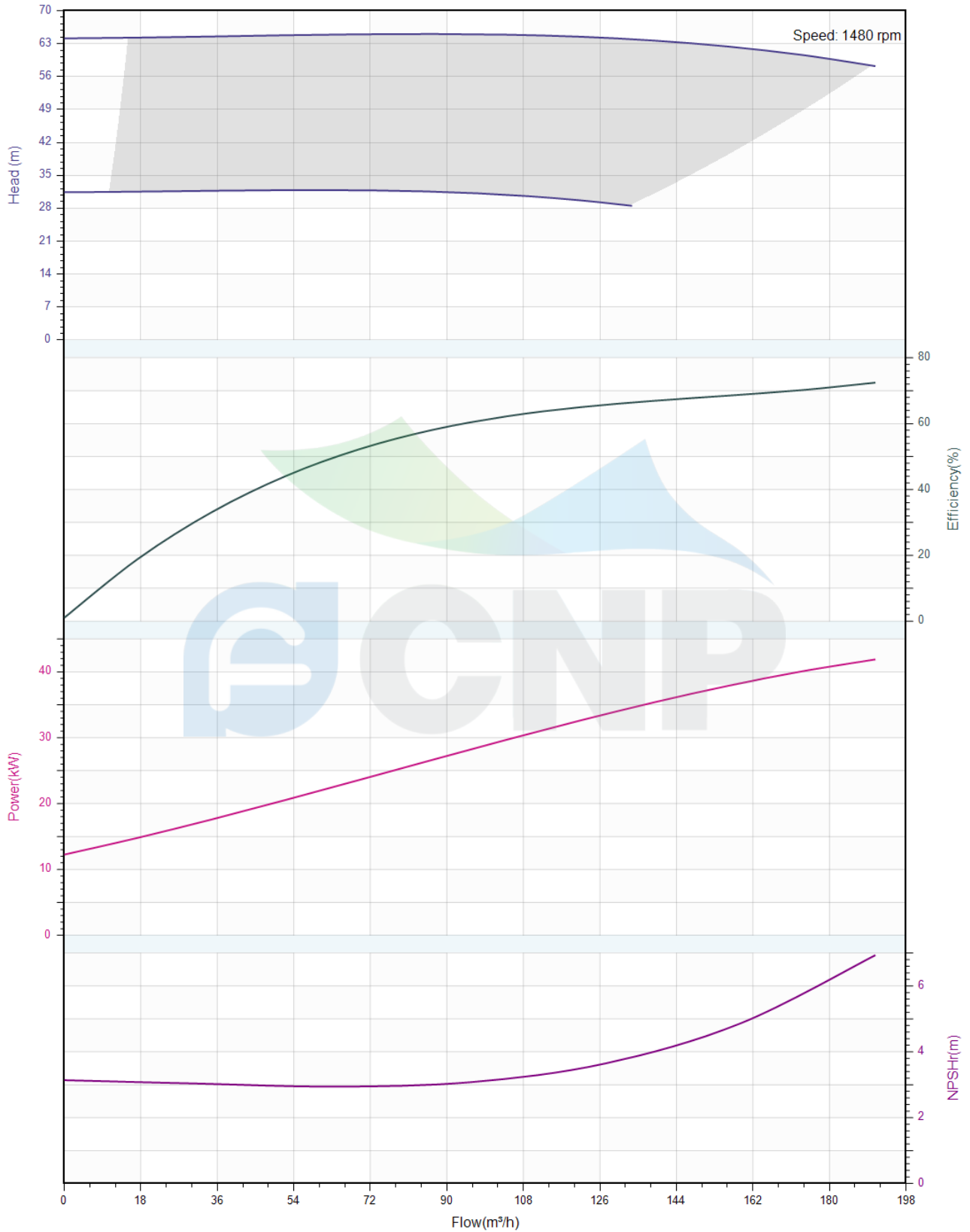


# Performance Curve NIS125-100-400/45

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/03/06
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Project Name	
Item NO	

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

### NIS125-100-400/45

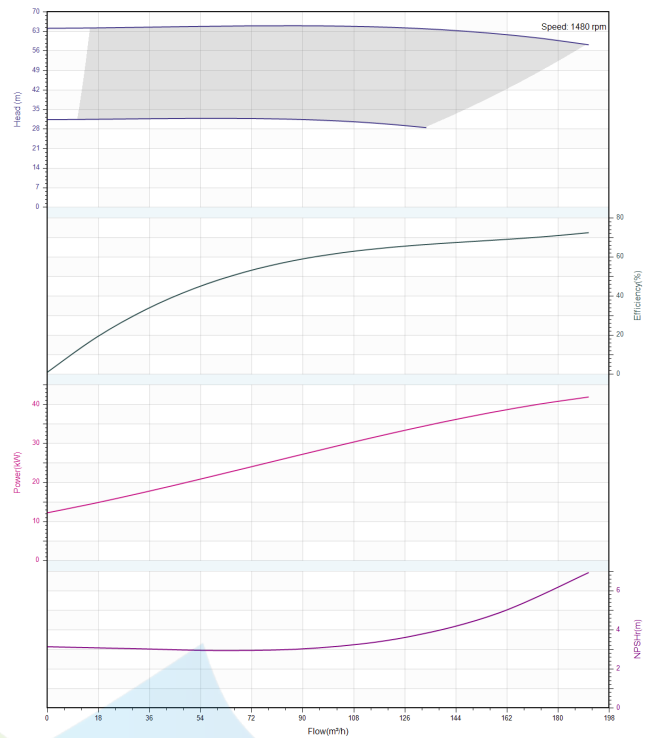
Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/03/06
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	


#### Rated parameters

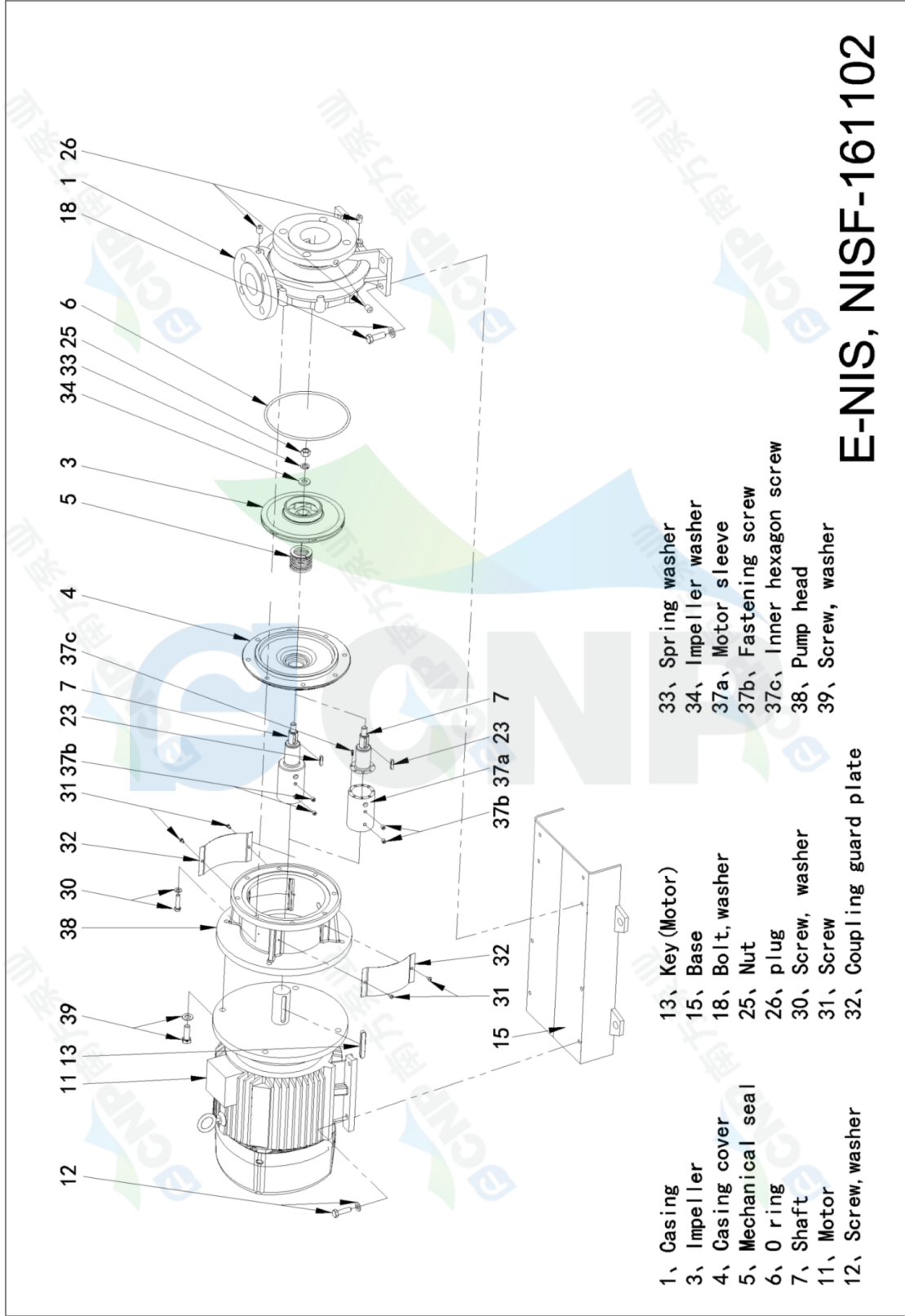
Pump model	NIS125-100-400/45
Part NO.	1100054618
Rated flow (m <sup>3</sup> /h)	100
Rated head (m)	65
Rated efficiency (%)	59
Power (kW)	30.02
NPSHr (m)	3
Speed (rpm)	1480
Max impeller diameter (mm)	438

#### Medium

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



	<b>Structure picture</b> <b>NIS125-100-400/45</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/06
		Client Name	DPA
Project Name		Client Addr.	
Item NO		Contacts	Alireza
		Contact	





### Dimension Drawing NIS125-100-400/45

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/03/06
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

Project Name

Item NO

NIS(F) 125-100-400/45

