	Product Information NIS100-80-160G/18.5	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
Project Name		Contact	86-571-88637351
		Date	2022/03/06
Item NO		Client Name	DPA
		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100054773
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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>

technology	
Pump rotator speed	2950
Material	
Impeller	HT200
Pump body	QT500-7
Rubber code	P
Material Code	H
Installation	
Maximum Operation Pressure	16Bar
Maximum Inlet Pressure	6Bar
Medium	
Medium Temperature	-15~110
Structure dimension	
Inlet & outlet size types	DN
Inlet Bore	100
Outlet Diameter	80
Rotation Direction	Anti-clockwise rotation viewing from inlet
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	18.5
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	34.2
Energy Efficiency Level	IE3
Seal	
Mechanical Seal	NISO-43/BSE4
Others	
Weight (kg)	207



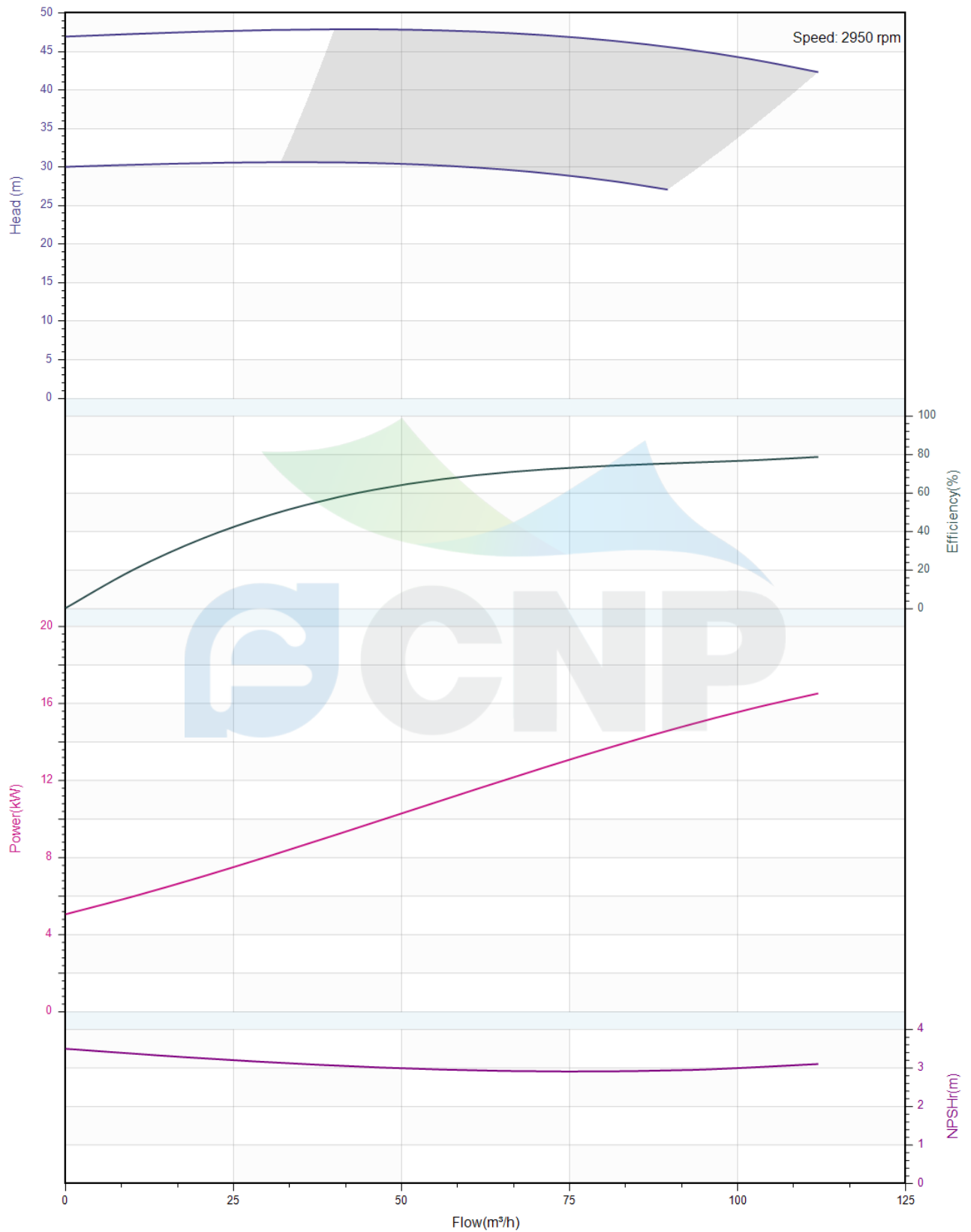
Performance Curve NIS100-80-160G/18.5

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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B





Pump Technical Parameters NIS100-80-160G/18.5

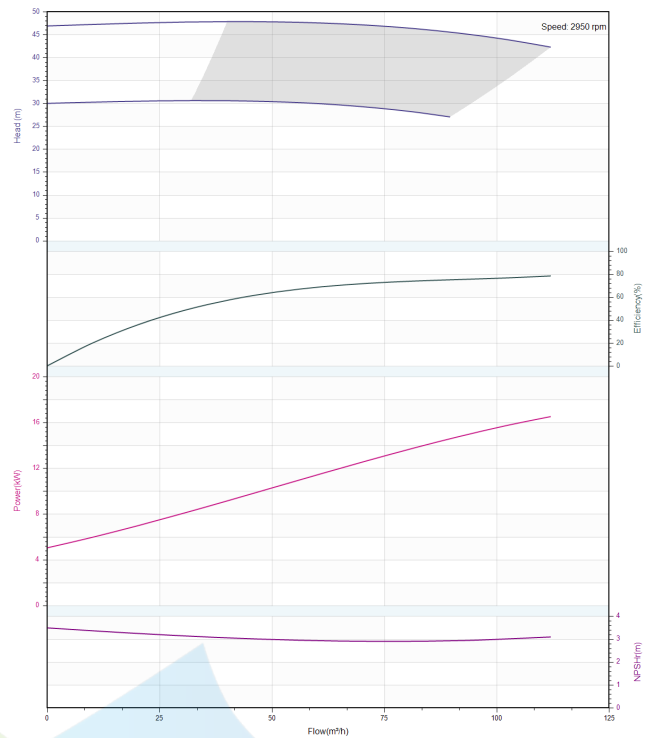
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Rated parameters

Pump model	NIS100-80-160G/18.5
Part NO.	1100054773
Rated flow (m ³ /h)	100
Rated head (m)	44
Rated efficiency (%)	78
Power (kW)	15.37
NPSHr (m)	3
Speed (rpm)	2950
Max impeller diameter (mm)	178

Medium

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



	Structure picture NIS100-80-160G/18.5	Manufacturer	CNP
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Dimension Drawing
NIS100-80-160G/18.5

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