

	Product Information NIS80-65-160/15	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/06
Project Name		Client Name	DPA
Item NO		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100054539
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Product Picture	Note
	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.

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 80
Outlet Diameter 65
Rotation Direction Anti-clockwise rotation viewing from inlet

Motor

Number of Motor Phase Three Phase
Protection Class IP55
Insulation Class F
Motor Power 15
Power Frequency 50HZ
Rated Voltage (V) 380V
Rated Current (A) 28.4
Energy Efficiency Level IE3

Seal

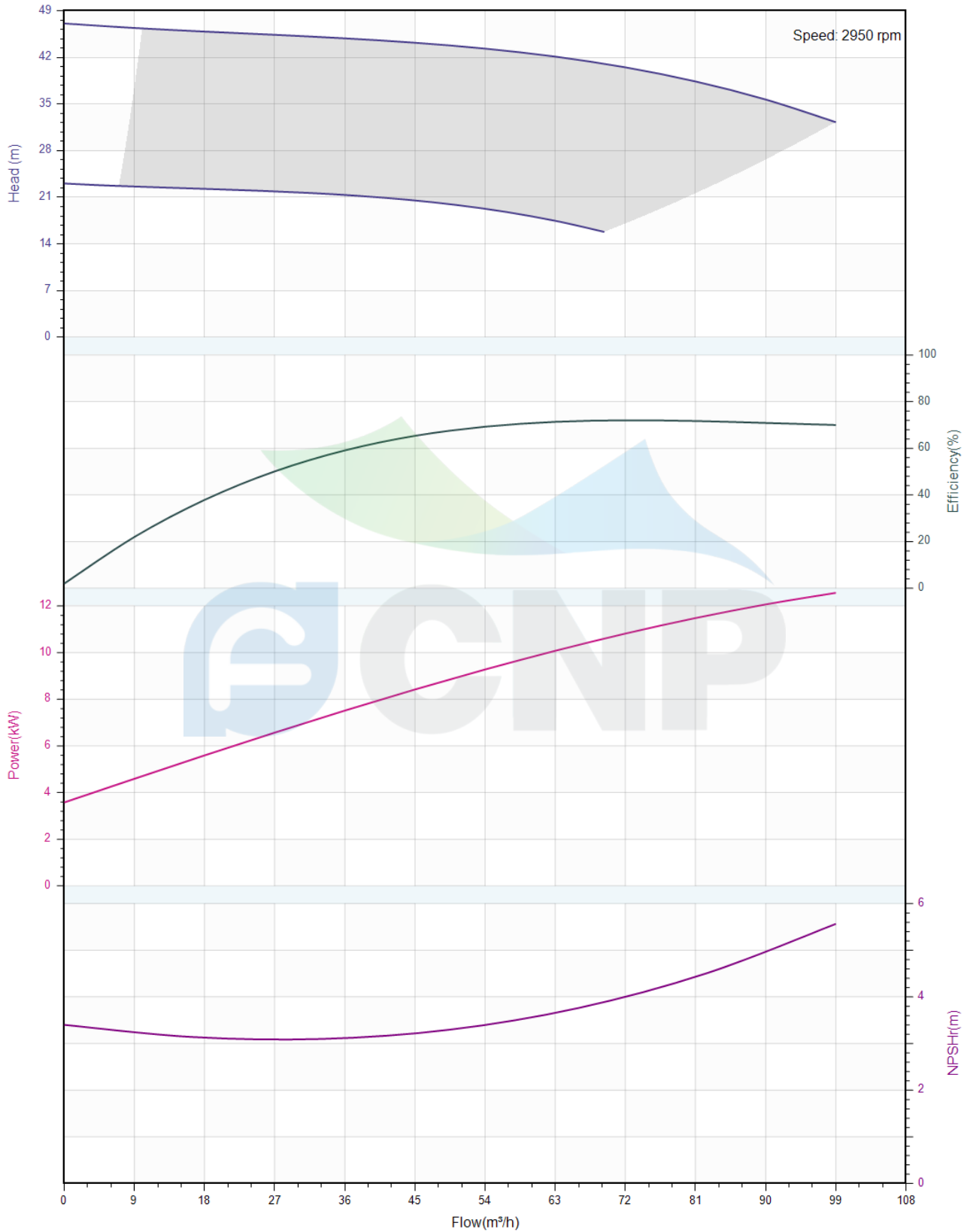
Mechanical Seal NISO-33/BSE4

Others

Weight (kg) 185

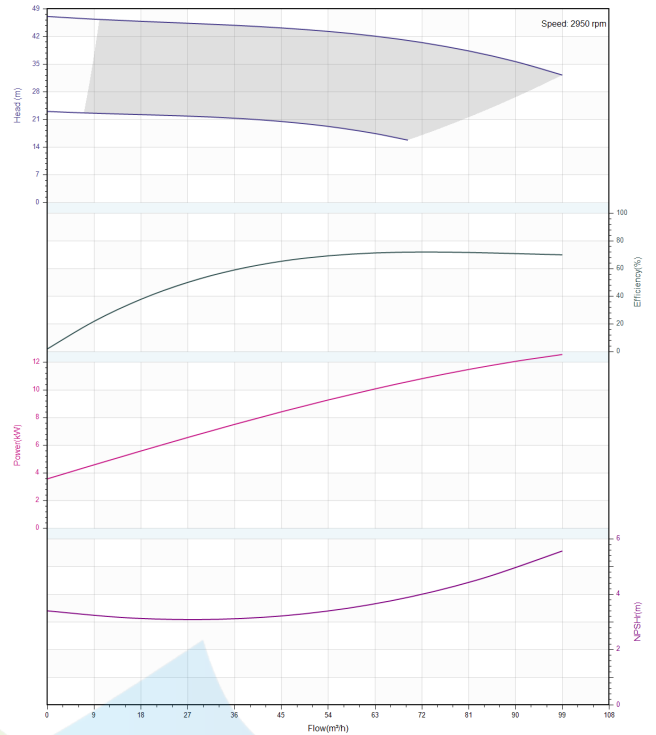
	Performance Curve NIS80-65-160/15	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B



	Pump Technical Parameters NIS80-65-160/15	Manufacturer	CNP
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Rated parameters	
Pump model	NIS80-65-160/15
Part NO.	1100054539
Rated flow (m³/h)	50
Rated head (m)	44
Rated efficiency (%)	67
Power (kW)	8.95
NPSHr (m)	3.5
Speed (rpm)	2950
Max impeller diameter (mm)	182
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Structure picture NIS80-65-160/15	Manufacturer	CNP
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