	Product Information CDLF1-4+CDH1-36	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
Project Name		Contact	86-571-88637351
		Date	2022/03/05
Item NO		Client Name	DPA
		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100060706
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Product Picture	Note
	<p>CDLF+CDH vertical high pressure pump consists of two vertical multistage centrifugal pumps in series to form a double pump system to produce high pressure.</p>

technology	
Pump rotator speed	2900
Material	
Impeller	304
Rubber code	P
Material Code	S
Installation	
Connection Code	K
Installation type	card cover
Maximum Operation Pressure	50Bar
Medium	
Medium Temperature normal	-15~70
Medium Temperature high t	-15~120
Maximum Environment Temper	40
Structure dimension	
Inlet & outlet size types	DN
Inlet & Outlet Diameter	DN32
Rotation Direction	CDLF rotates anti-clockwise viewing from motor side and CDH rotates clockwise.
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	0.37+2.2
Energy Efficiency Level	IE2
Seal	
Mechanical Seal	CDLA-12/WBF14
Others	
Weight of Pump	81



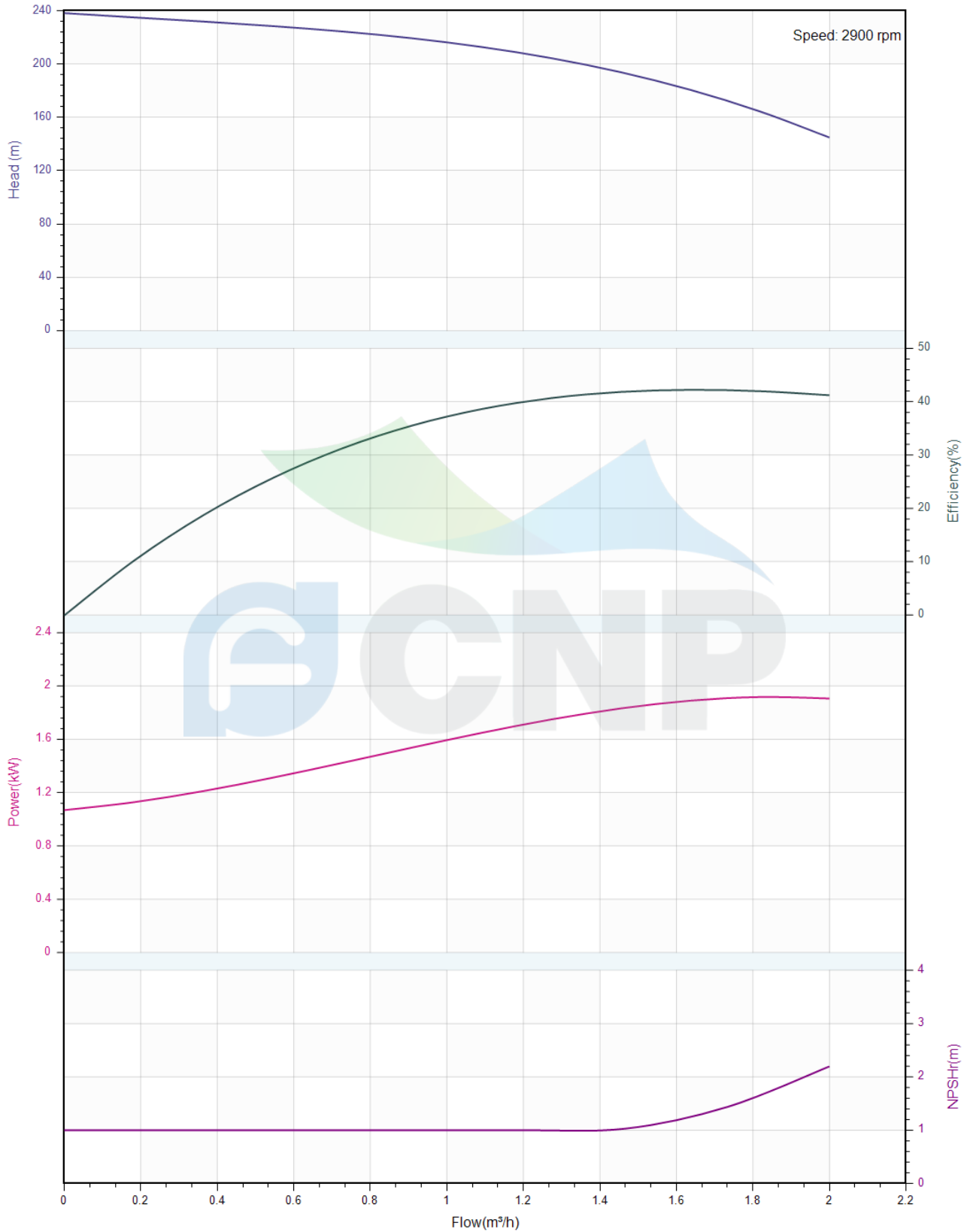
Performance Curve CDLF1-4+CDH1-36

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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 CDLF1-4+CDH1-36

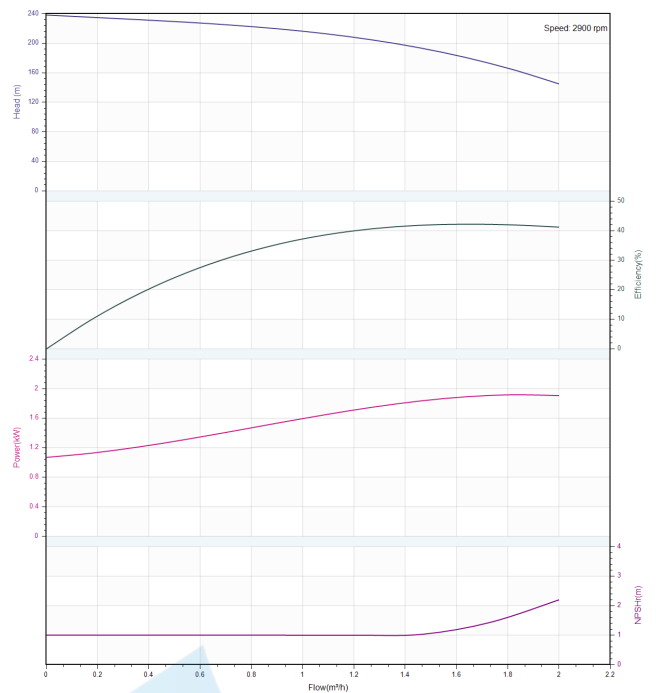
Manufacturer	CNP
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Rated parameters

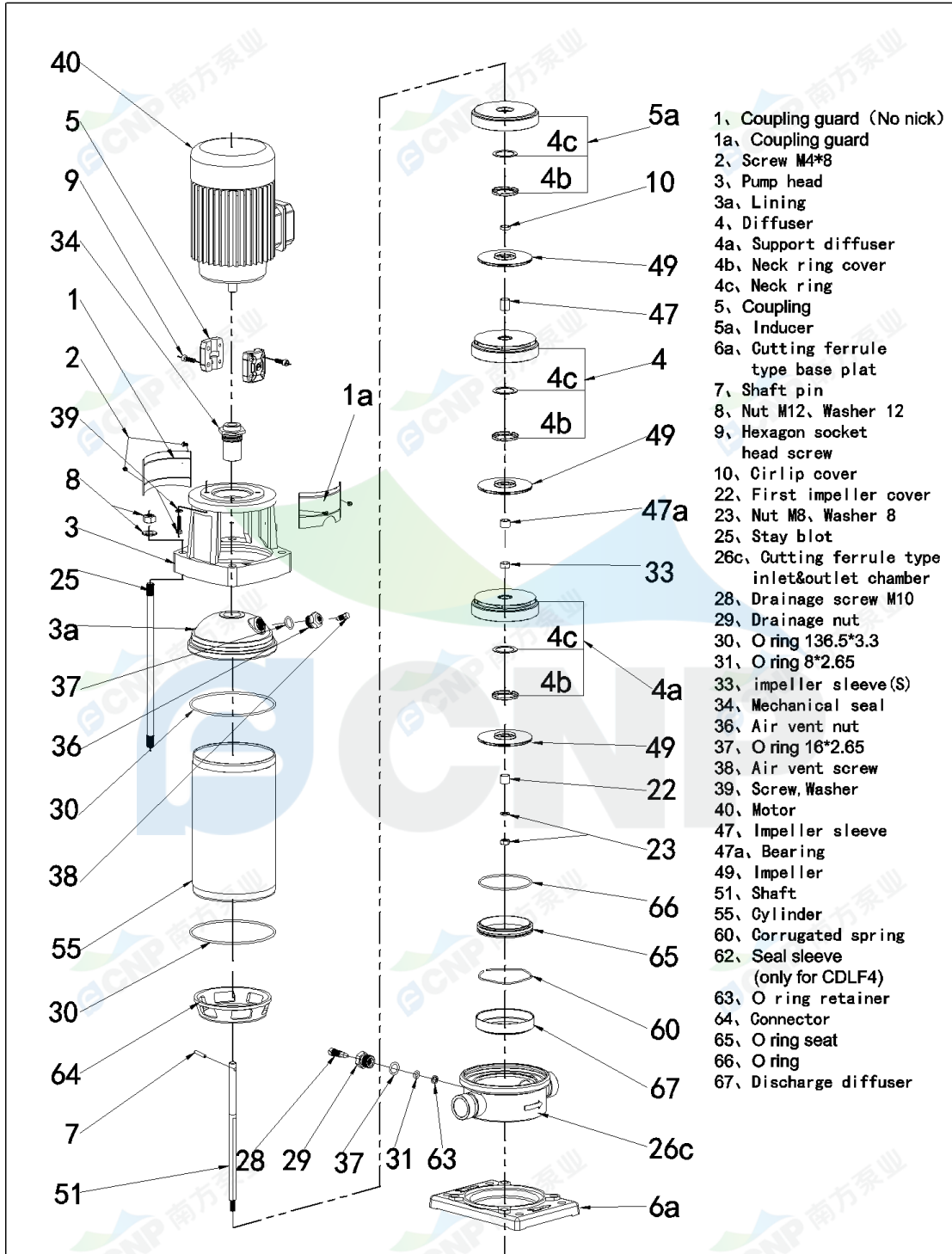
Pump model	CDLF1-4+CDH1-36
Part NO.	1100060706
Rated flow (m ³ /h)	1
Rated head (m)	216.5
Rated efficiency (%)	36
Power (kW)	1.64
NPSHr (m)	2
Speed (rpm)	2900

Medium

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



	Structure picture CDLF1-4+CDH1-36	Manufacturer	CNP
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- 1、 Coupling guard (No nick)
- 1a、 Coupling guard
- 2、 Screw M4*8
- 3、 Pump head
- 3a、 Lining
- 4、 Diffuser
- 4a、 Support diffuser
- 4b、 Neck ring cover
- 4c、 Neck ring
- 5、 Coupling
- 5a、 Inducer
- 6a、 Cutting ferrule type base plat
- 7、 Shaft pin
- 8、 Nut M12、 Washer 12
- 9、 Hexagon socket head screw
- 10、 Circlip cover
- 22、 First impeller cover
- 23、 Nut M8、 Washer 8
- 25、 Stay blot
- 26c、 Cutting ferrule type inlet&outlet chamber
- 28、 Drainage screw M10
- 29、 Drainage nut
- 30、 O ring 136.5*3.3
- 31、 O ring 8*2.65
- 33、 impeller sleeve(S)
- 34、 Mechanical seal
- 36、 Air vent nut
- 37、 O ring 16*2.65
- 38、 Air vent screw
- 39、 Screw, Washer
- 40、 Motor
- 47、 Impeller sleeve
- 47a、 Bearing
- 49、 Impeller
- 51、 Shaft
- 66、 Cylinder
- 60、 Corrugated spring
- 62、 Seal sleeve (only for CDLF4)
- 63、 O ring retainer
- 64、 Connector
- 65、 O ring seat
- 66、 O ring
- 67、 Discharge diffuser

E-CDH1, 2, 3, 4-100101



Dimension Drawing CDLF1-4+CDH1-36

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