
	<b>Product Information</b> <b>CDLF4-10+CDH4-22</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
<b>Project Name</b>		Contact	86-571-88637351
		Date	2022/03/05
		Client Name	DPA
<b>Item NO</b>		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	1100060924
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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>

<b>technology</b>	
Pump rotator speed	2900
<b>Material</b>	
Impeller	304
Rubber code	P
Material Code	S
<b>Installation</b>	
Connection Code	K
Installation type	card cover
Maximum Operation Pressure	50Bar
<b>Medium</b>	
Medium Temperature normal	-15~70
Medium Temperature high t	-15~120
Maximum Environment Temper	40
<b>Structure dimension</b>	
Inlet & outlet size types	DN
Inlet & Outlet Diameter	DN32
Rotation Direction	CDLF rotates anti-clockwise viewing from motor side and CDH rotates clockwise.
<b>Motor</b>	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	2.2+4.0
Energy Efficiency Level	IE2
<b>Seal</b>	
Mechanical Seal	CDLA-12/WBF14
<b>Others</b>	
Weight of Pump	96

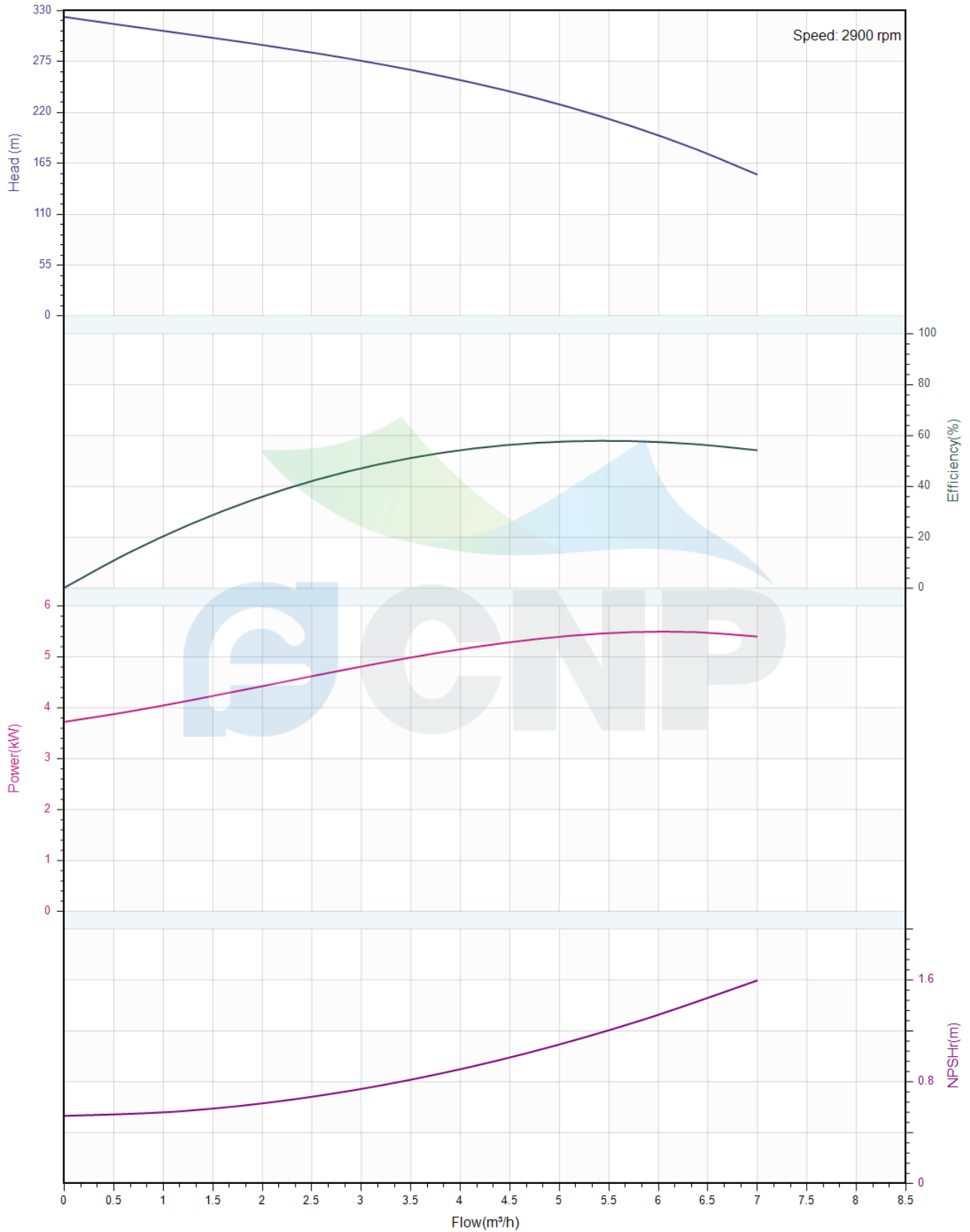


# Performance Curve CDLF4-10+CDH4-22

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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 CDLF4-10+CDH4-22

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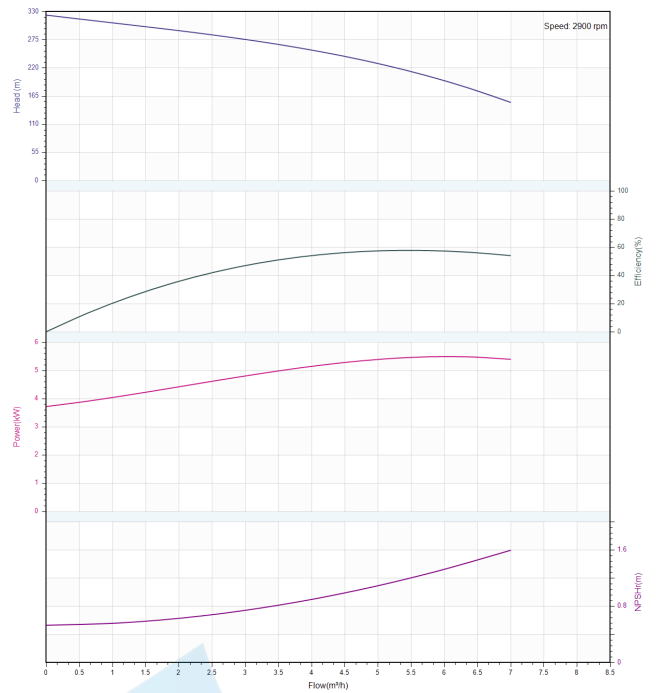
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### Rated parameters

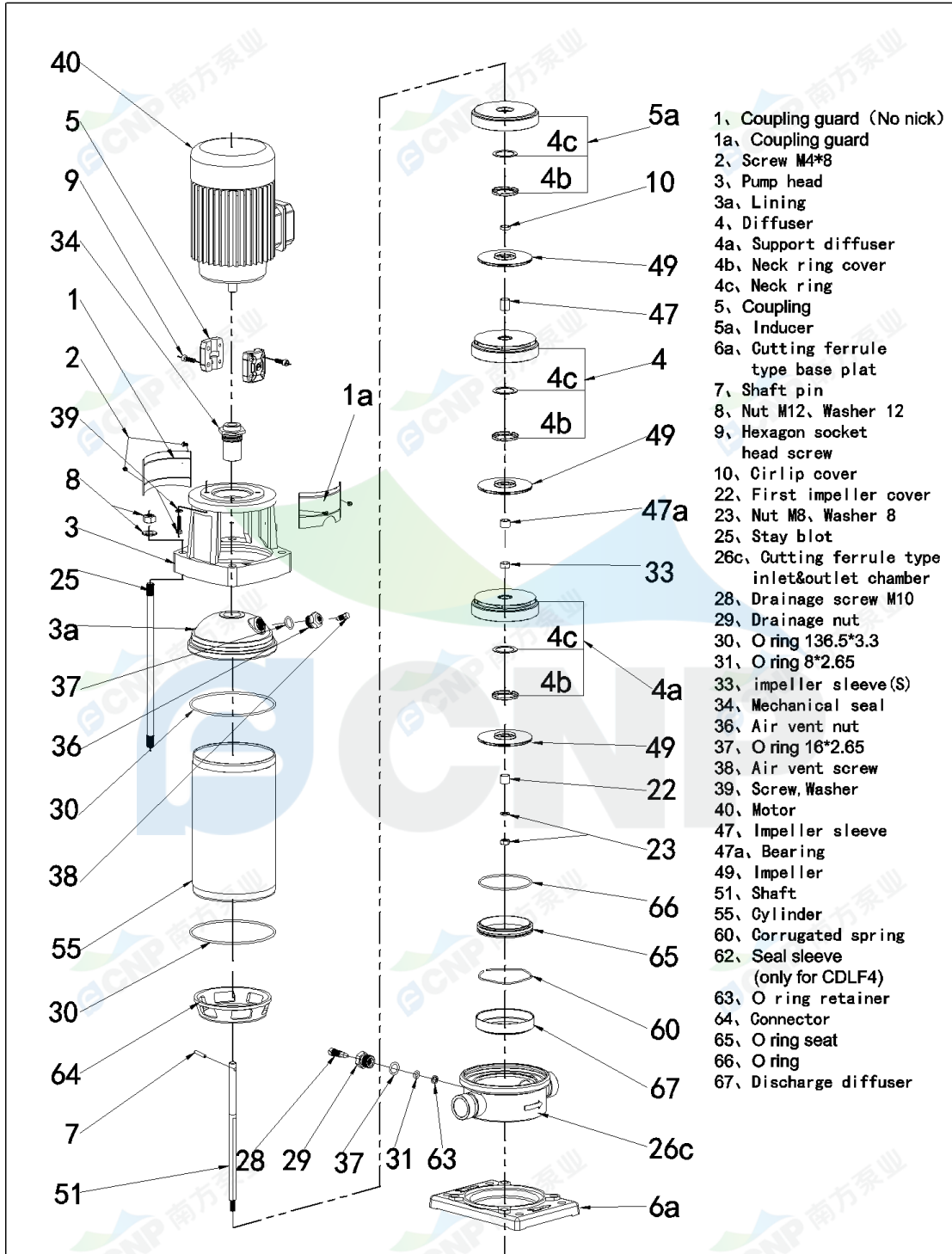
Pump model	CDLF4-10+CDH4-22
Part NO.	1100060924
Rated flow (m <sup>3</sup> /h)	4
Rated head (m)	256
Rated efficiency (%)	50
Power (kW)	5.58
NPSHr (m)	2
Speed (rpm)	2900

### 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>CDLF4-10+CDH4-22</b>	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 CDLF4-10+CDH4-22

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