
	Product Information CDLF3-3+CDH3-36	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.	1100060844
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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+3.0
Energy Efficiency Level	IE2
Seal	
Mechanical Seal	CDLA-12/WBF14
Others	
Weight of Pump	86

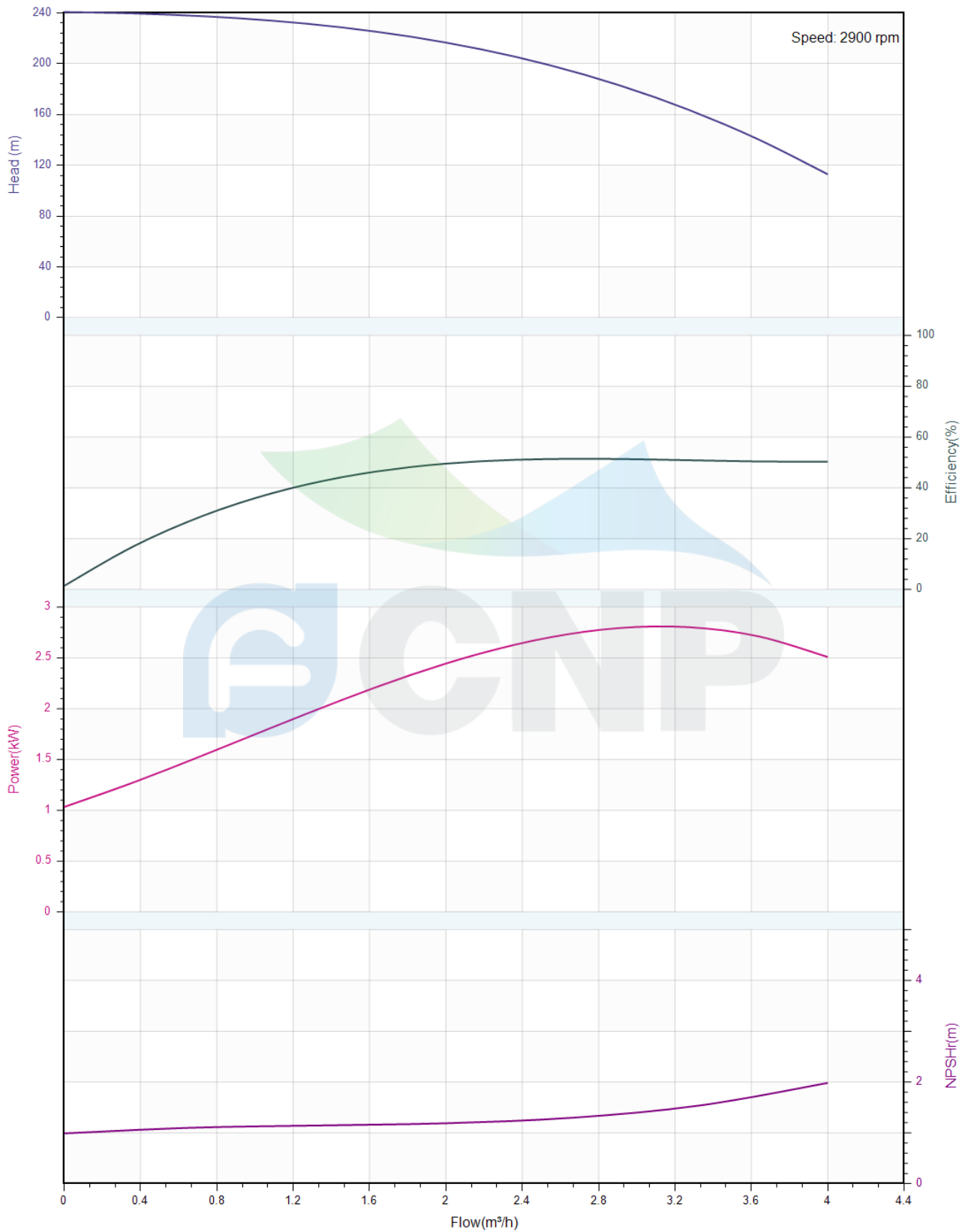


Performance Curve CDLF3-3+CDH3-36

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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 CDLF3-3+CDH3-36

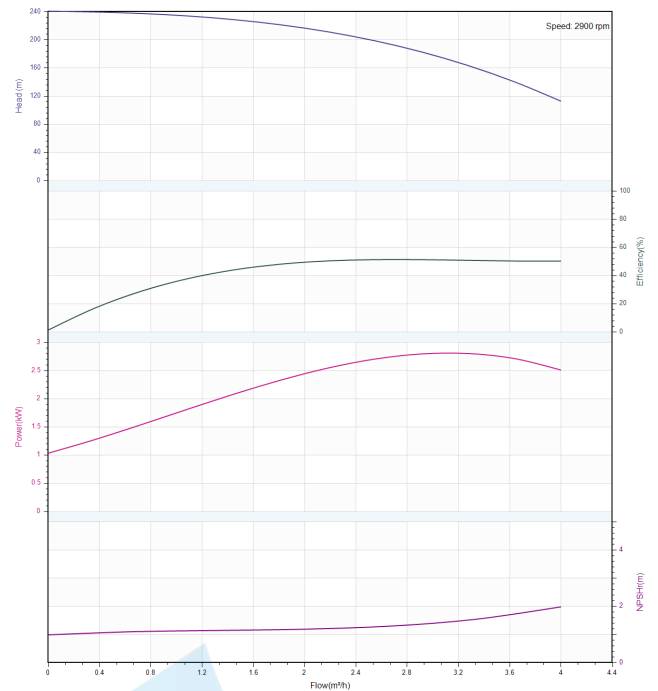
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Rated parameters

Pump model	CDLF3-3+CDH3-36
Part NO.	1100060844
Rated flow (m ³ /h)	3
Rated head (m)	178
Rated efficiency (%)	46
Power (kW)	3.16
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



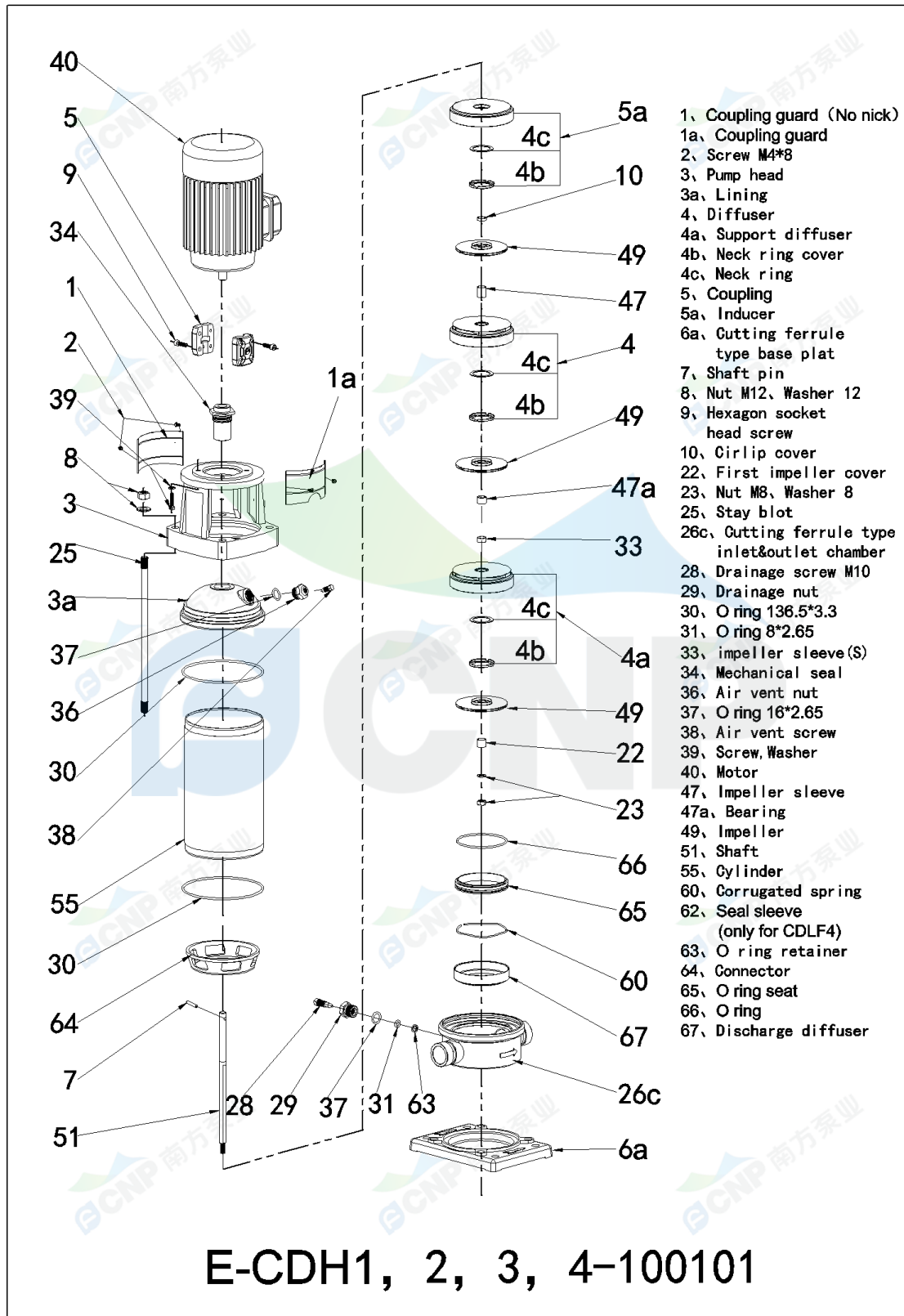


Structure picture
CDLF3-3+CDH3-36

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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



Dimension Drawing CDLF3-3+CDH3-36

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