


| | | | |
|--|--|--------------|--------------------------------------|
|  | Product Information CDL150-60 | 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. | 1100001168 |
|----------|------------|

| Product Picture | Note |
|---|---|
|  | <p>Non-self-priming vertical multistage centrifugal pump, the motor shaft through the coupling shaft is coupled directly to the impeller vanes made of stainless steel plate stamping and welding or precision casting made of stainless steel, the pump inlet and outlet of the pump bottom at the same line (it can be equipped with IEC or NEMA motors).</p> |

technology

| | |
|---------------------|------|
| Pump rotator speed | 2950 |
| Nameplate standards | CE |
| Pump version | 2 |

Material

| | |
|----------------------|-----|
| Impeller | 304 |
| Rubber code | P |
| Inlet&outlet chamber | 304 |
| Material Code | S |

Installation

| | |
|-----------------------------|--------------|
| Connection Code | F |
| Maximum Pressure/Temperatur | 25 bar / 120 |
| Maximum Pressure/Temperatur | 25 bar / -15 |
| Flange Standard | DIN |
| Pressure Class | PN25-40 |
| Inlet & outlet | DN125 |

Medium

| | |
|----------------------------|---------|
| Medium Temperature normal | -15+70 |
| Medium Temperature high t | -15+120 |
| Maximum Environment Temper | 40 |

Motor

| | |
|-------------------------|-------------|
| Number of Motor Phase | Three Phase |
| Protection Class | IP55 |
| Insulation Class | F |
| Motor Power | 75KW |
| Power Frequency | 50HZ |
| Rated Voltage (V) | 380V |
| Rated Current (A) | 134A |
| Energy Efficiency Level | IE3 |

Seal

| | |
|-----------------|---------------|
| Mechanical Seal | CDLA-32/WBF14 |
|-----------------|---------------|

Others

| | |
|-------------|-----|
| Weight (kg) | 700 |
|-------------|-----|



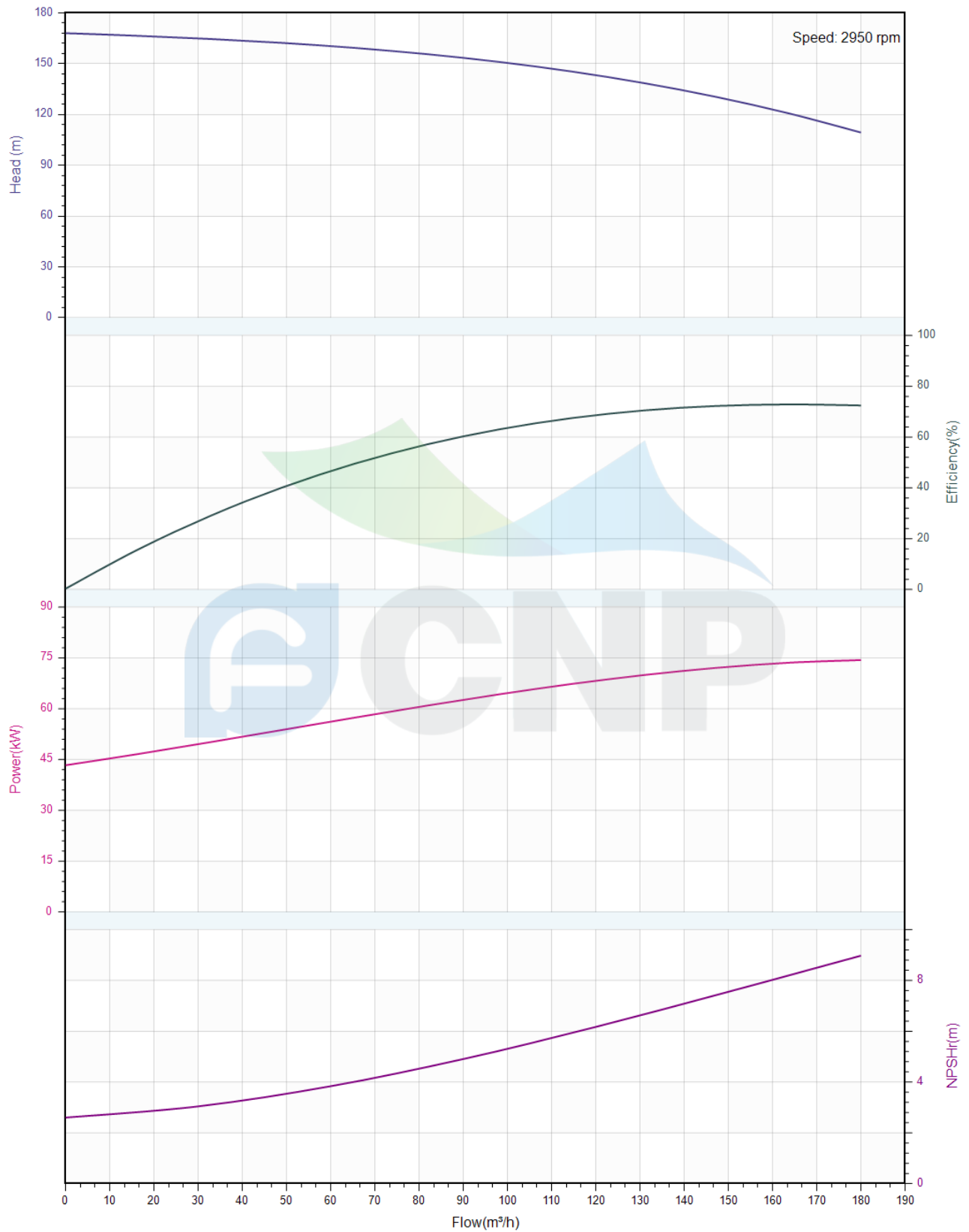
Performance Curve CDL150-60

| | |
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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 CDL150-60

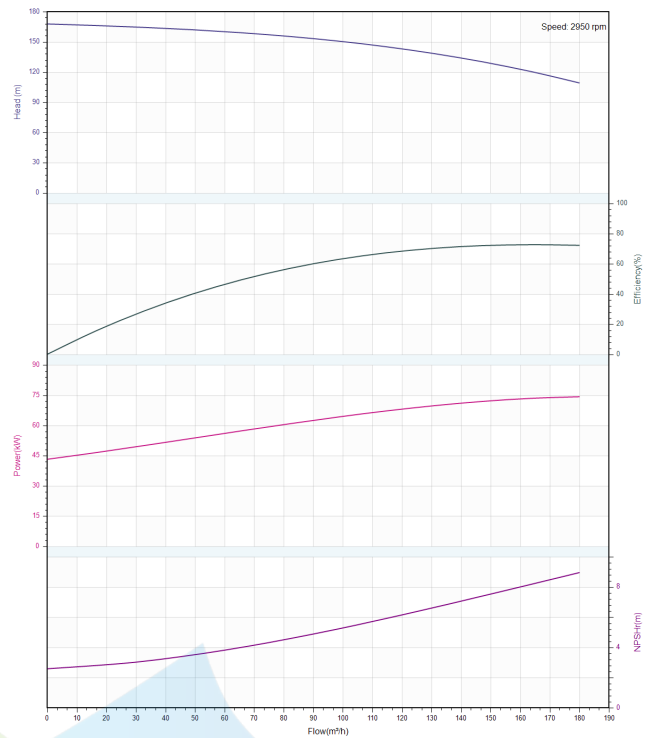
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Rated parameters

| | |
|--------------------------------|------------|
| Pump model | CDL150-60 |
| Part NO. | 1100001168 |
| Rated flow (m ³ /h) | 150 |
| Rated head (m) | 130 |
| Rated efficiency (%) | 75.8 |
| Power (kW) | 70 |
| NPSHr (m) | 6.5 |
| Speed (rpm) | 2950 |
| Max impeller diameter (mm) | 151.5 |

Medium

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



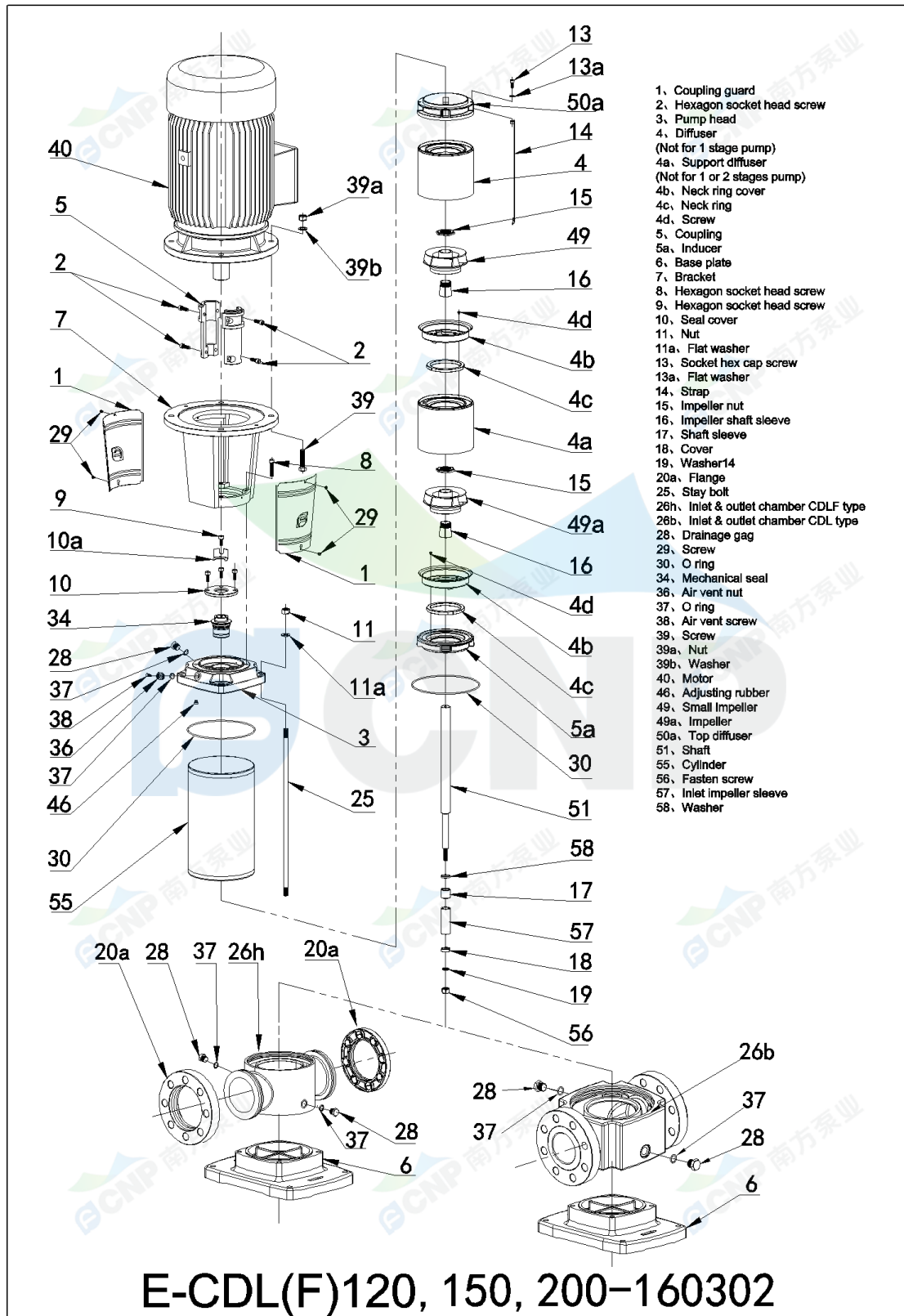


Structure picture
CDL150-60

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- 1. Coupling guard
- 2. Hexagon socket head screw
- 3. Pump head
- 4. Diffuser
(Not for 1 stage pump)
- 4a. Support diffuser
(Not for 1 or 2 stages pump)
- 4b. Neck ring cover
- 4c. Neck ring
- 4d. Screw
- 5. Coupling
- 5a. Inducer
- 6. Base plate
- 7. Bracket
- 8. Hexagon socket head screw
- 9. Hexagon socket head screw
- 10. Seal cover
- 11. Nut
- 11a. Flat washer
- 13. Socket hex cap screw
- 13a. Flat washer
- 14. Strap
- 15. Impeller nut
- 16. Impeller shaft sleeve
- 17. Shaft sleeve
- 18. Cover
- 19. Washer
- 20a. Flange
- 25. Stay bolt
- 26h. Inlet & outlet chamber CDLF type
- 26b. Inlet & outlet chamber CDL type
- 28. Drainage gag
- 29. Screw
- 30. O ring
- 34. Mechanical seal
- 36. Air vent nut
- 37. O ring
- 38. Air vent screw
- 39. Screw
- 39a. Nut
- 39b. Washer
- 40. Motor
- 46. Adjusting rubber
- 49. Small Impeller
- 49a. Impeller
- 50a. Top diffuser
- 51. Shaft
- 55. Cylinder
- 56. Fasten screw
- 57. Inlet impeller sleeve
- 58. Washer



Dimension Drawing
CDL150-60

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