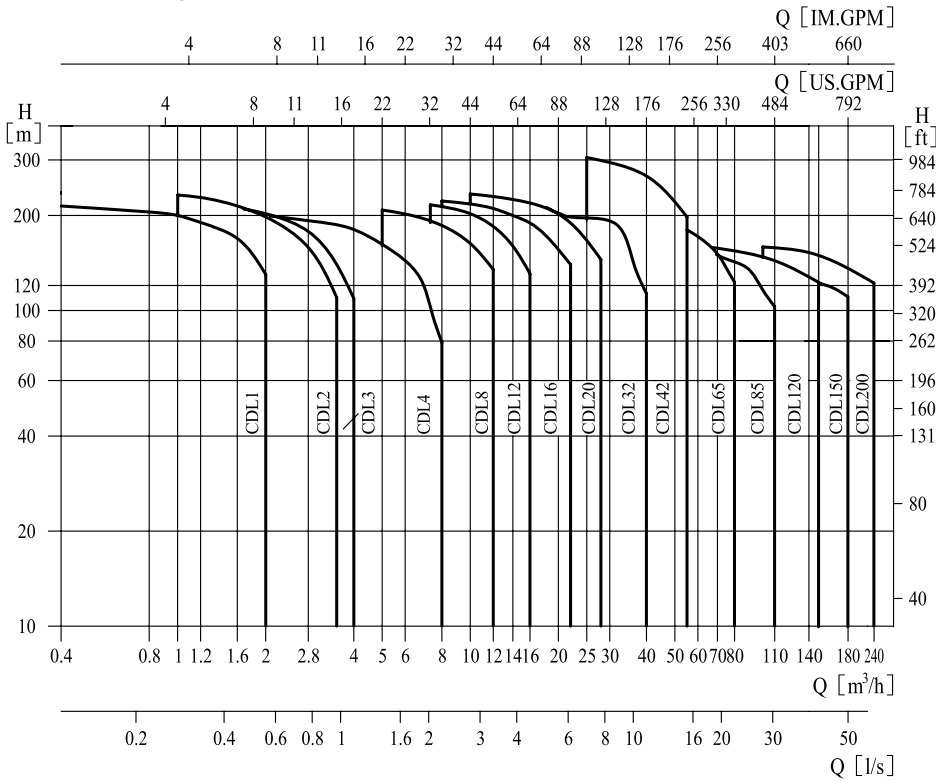


Performance scope



Product range

| Description | CDL1 | CDL2 | CDL3 | CDL4 | CDL8 | CDL12 | CDL16 | CDL20 | CDL32 | CDL42 | CDL65 | CDL85 | CDL120 | CDL150 | CDL200 |
|-----------------------|------------|-----------|----------|-------------------|-------------------|---------|---------|----------|----------|----------|----------|-----------|-----------|--------|-----------|
| Rate flow [m³/h] | 1 | 2 | 3 | 4 | 8 | 12 | 16 | 20 | 32 | 42 | 65 | 85 | 120 | 150 | 200 |
| Rate flow [l/s] | 0.28 | 0.56 | 0.83 | 1.1 | 2.2 | 3.3 | 4.4 | 5.6 | 8.9 | 11.7 | 18 | 24 | 33 | 41.6 | 55.6 |
| Flow range [m³/h] | 0.4-2 | 1-3.5 | 1.2-4 | 1.5-7 | 5-12 | 7-16 | 8-22 | 10-28 | 16-40 | 25-55 | 30-80 | 50-110 | 60-150 | 80-180 | 100-240 |
| Flow range [l/s] | 0.11-0.56 | 0.28-0.97 | 0.33-1.1 | 0.42-1.9 | 1.4-3.3 | 1.9-4.4 | 2.2-6.1 | 2.8-7.8 | 4.4-11.1 | 6.9-15.3 | 8.3-22.2 | 13.8-30.5 | 16.7-41.7 | 22-50 | 27.8-66.7 |
| Max. pressure [bar] | 21 | 23 | 22 | 21 | 21 | 22 | 22 | 23 | 26 | 30 | 22 | 17 | 16 | 16 | 16 |
| Motor power [kW] | 0.37-2.2 | 0.37-3 | 0.37-3 | 0.37-4 | 0.75-7.5 | 1.5-11 | 2.2-15 | 1.1-18.5 | 1.5-30 | 3.0-45 | 4.0-4.5 | 5.5-45 | 11-75 | 11-75 | 18.5-110 |
| Temp. [°C] | -15 ~ +120 | | | | | | | | | | | | | | |
| Max. efficiency [%] | 44 | 46 | 54 | 57 | 62 | 63 | 66 | 69 | 73 | 75 | 76 | 77 | 74 | 73 | 79 |
| Type | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CDL Pipelines | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| DIN Flange | DN25 | DN25 | DN25 | DN32 | DN40 | DN50 | DN50 | DN50 | DN65 | DN80 | DN100 | DN100 | DN125 | DN125 | DN150 |
| Oval Flange | G1 | G1 | G1 | G1 ^{1/4} | G1 ^{1/2} | | | | | | | | | | |
| CDLF Pipelines | | | | | | | | | | | | | | | |
| DIN Flange | DN25 | DN25 | DN25 | DN32 | DN40 | DN50 | DN50 | DN50 | DN65 | DN80 | DN100 | DN100 | DN125 | DN125 | DN150 |
| Cutting ferrule joint | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | |
| Pipe thread | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | |

PUMP

CDL/CDLF is a kind of vertical non-self priming multistage centrifugal pump, which is driven by a standard electric motor. The extended motor shaft is directly coupled with pump shaft through. The pressure cylinder and flow parts are fixed between pump head and inlet & outlet chamber with stay bolts. The inlet and outlet are located at the pump bottom at the same line. This kind of pump can be equipped with an intelligent protector to effectively prevent it from dry-running, out-of-phase and overload.

Motor

Full-enclosed air-blast two-pole standard motor
 Protection class: IP55
 Insulation class:F
 Standard voltage: 50HZ: 1×220-230/240V
 3×200-220/346-380V
 3×220-240/380-415V
 3×380-415V

Application

CDL/CDLF is a kind of multifunctional products. It can be used to convey various medium from tap water to industrial liquid at different temperature and with different flow rate and pressure. CDL type is applicable to conveying non-corrosive liquid, while CDLF is suitable for slightly corrosive liquid.

- Water supply: Water filter and transport in waterworks boosting of main pipeline, boosting in highrise buildings.
- Industrial boosting: process flow water system, cleaning system, high-pressure washing system, fire fighting system.
- Industrial liquid conveying: Cooling and air-conditioning system, boiler water supply and condensing system, machine-associated purpose, acids and alkali.
- Water treatment: Ultra filtration system, reverse osmosis system distillation system, separator, swimming pool.
- Irrigation: Farmland irrigation, spray irrigation, dripping irrigation.

Operation conditions

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers
- Liquid temperature:
 Normal temperature type: -15°C ~ +70°C,
 Hot water type: -15°C ~ +120°C
- Ambient temperature: up to +40°C
- Altitude: up to 1000m