

● Pump

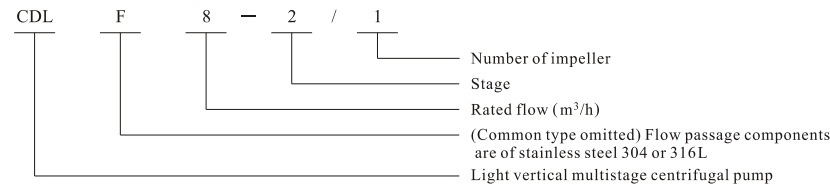
CDL / CDLF is a kind of vertical non-self priming multistage centrifugal pump, which is driven by a standard electric motor. The motor output shaft directly connects with the pump shaft through a coupling. The pressure-resistant cylinder and flow passage components are fixed between pump head and inlet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

● Motor

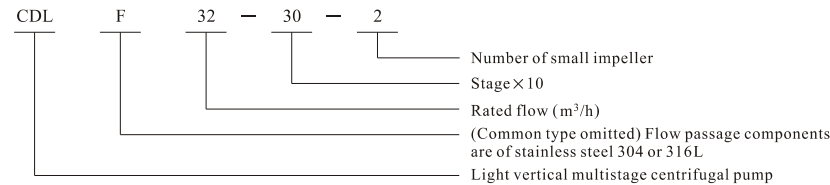
- Full-enclosed air-blast two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1 × 220-230 / 240V
3 × 200-220 / 346-380V
3 × 220-240 / 380-415V
3 × 380-415V

● Definition of Model

CDL/CDLF1,2,3,4,8,12,16 and 20



CDL/CDLF32,42,65,85,120 and 150



● Application

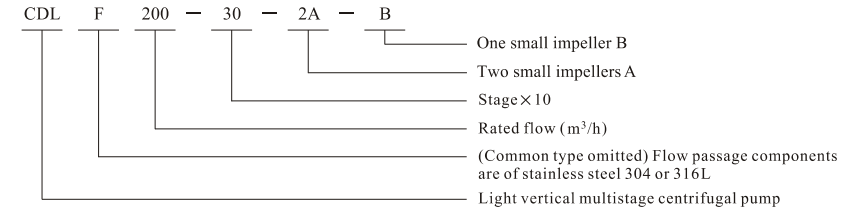
CDL / CDLF is a kind of multifunctional products. It can be used to convey various medium from tap water to industrial liquid at different temperature and with different flow rate and pressure. CDL type is applicable to conveying non-corrosive liquid, while CDLF is suitable for slightly corrosive liquid.

- Water supply: Water filter and transport in Waterworks, boosting of main pipeline, boosting in high-rise 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: Ultrafiltration 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

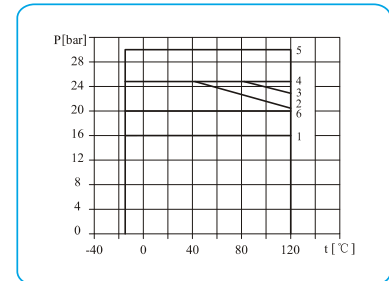
CDL/CDLF200



● Max. Working pressure

Model	Curve number
CDL1,2,3,4 Flange	2
CDL1,2,3,4 Oval Flange	1
CDLF1,2,3,4	2
CDL8,12,16,20 Flange	3
CDL8 Oval Flange	1
CDLF8,12,16,20	3
CDL,CDLF32	
32-10-1~32-70	1
32-80-2~32-120	4
32-130~32-140	5
CDL,CDLF42	
42-10-1~42-60	1
42-70-2~42-90	4
42-100-2~42-130-2	5
CDL,CDLF65	
65-10-1~65-50	1
65-60-2~65-80-1	4
CDL,CDLF85	
85-10-1~85-50-2	1
85-50~85-60	4
CDL,CDLF120,150,200	6

The following figure shows the limitation of pressure and temperature, which shall be in the scope as shown in the figure.



● Max. Ambient temperature

When the pump operates under ambient temperature higher than 40°C or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.

