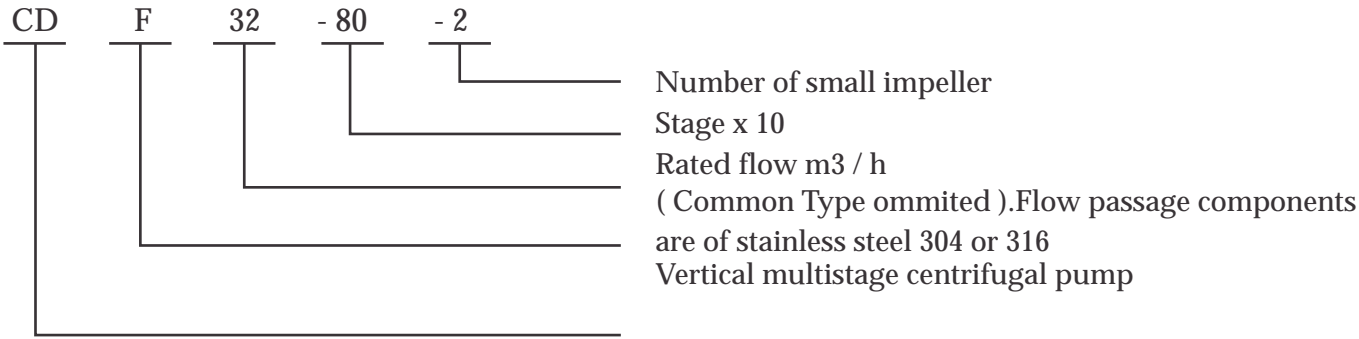
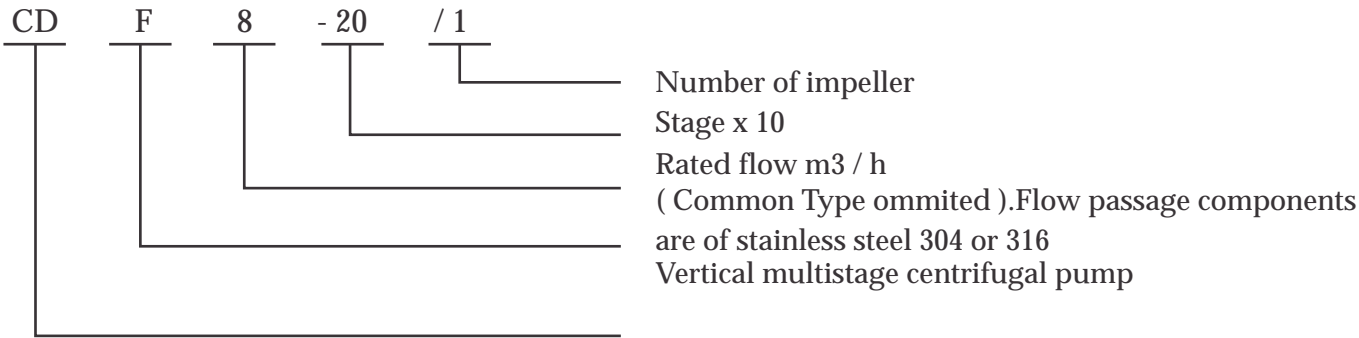




Definition of Model

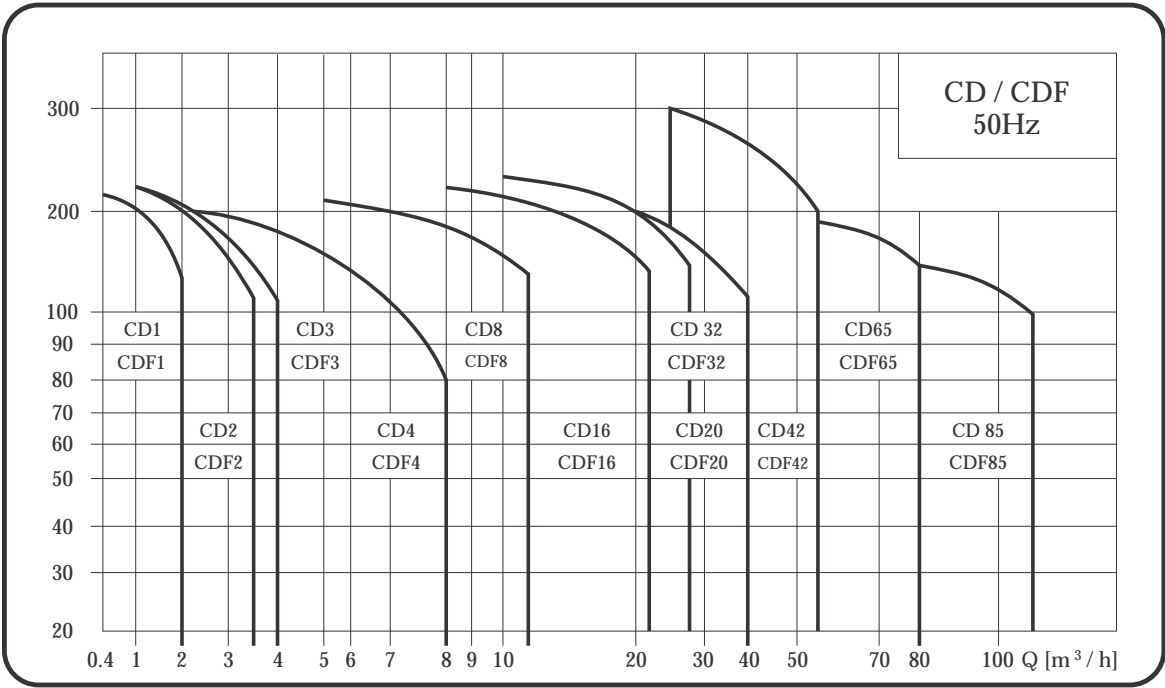
CD, CDF 1, 2, 3, 4, 8, 16 and 20



CD, CDF 50Hz

VERTICAL MULTISTAGE CENTRIFUGAL PUMP





Description	CD1	CD2	CD3	CD4	CD8	CD16	CD20	CD32	CD42	CD65	CD85
Rated flow [m³ /h]	1	2	3	4	8	16	20	32	42	65	85
Rated flow [1/s]	0.28	0.56	0.83	1.1	2.2	4.4	5.6	8.9	11.7	18	24
Flow range { m³ /h}	04 ~ 2	1 ~ 3.5	1.2 ~ 4	1.5 ~ 8	5 ~ 12	8 ~ 22	10 ~ 28	16 ~ 40	25 ~ 55	30 ~ 80	50 ~ 110
Flow range[1/s]	0.11 ~ 0.560	0.28 ~ 0.97	0.33 ~ 1.1	0.42 ~ 202	1.4 ~ 3.3	2.2 ~ 6.1	2.8 ~ 7.8	4.4 ~ 11.1	6.9 ~ 15.3	8.3 ~ 22.2	13.8 ~ 30
Max. pressure [bar]	21	23	22	21	21	22	23	26	30	22	17
Motor power [kW]	0.37 ~ 2.2	0.37 ~ 3	0.37 ~ 3	0.37 ~ 4	0.75 ~ 7.5	2.2 ~ 15	1.1 ~ 18.5	1.5 ~ 30	3.0 ~ 45	4.0 ~ 45	5.5 ~ 45
Temperature range [°C]											
Max. efficiency [%]	44	46	54	59	64	70	69	76	78	80	81
Type	- 15 ~ + 120										
CD	●	●	●	●	●	●	●	●	●	●	●
CDF	●	●	●	●	●	●	●	●	●	●	●
CD Pipe coonection											
DIN flange	DN25	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100
Oval flange	G1	G1	G1	G1 1/4	G1 ½						
CDF Pipe connection											
Din flange	DN25	DN25	DN25	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100
Cutting ferrule joint	●	●	●	●	●	●	●				
Pipe thread	●	●	●	●	●	●	●				



Application

CD / CDF is 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
CD type is applicable to conveying non-corrosive liguid, while CDF 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: Ultra system, reverse osmosis system, distillation system, seperator, swimming pool
- Irrigation: Famland irrigation, spray irrigation, dripping irrigation

Operation conditions

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

Pump

CD / CDF is a kind of vertical non-se;f priming multistage centrifugal pump, wich is driven by a standard electric motor. The motor output shaft directly connects with the pump shaft trough a coupling. The pressure resistant cylinder and flow passage components are fixed between pump head and in-and outlet section with tie-bar bolts. The inlet and outlet are located at the pump bottom at the same plane. This kind of pump can be equipped with intelligent protector to effctively prevent it from dry-running, out-of-phase and overloaded

ELECTRIC motor

- Full enclosed air-blast two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage, 50Hz
1x220 - 30 / 240V
3x200 - 220 / 346 - 380V
3x220 - 240 / 380 - 415V
3x380 - 415V

