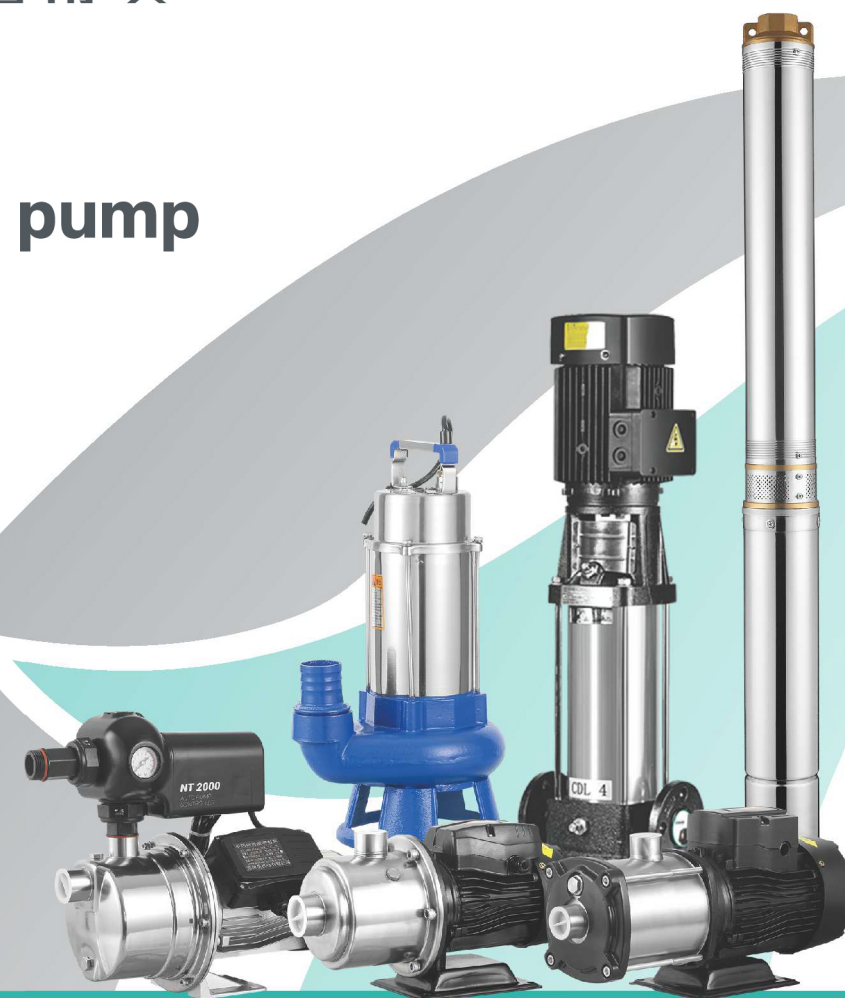


**Professional
energy-saving pump**



**CHINA HOBANM
ELECTROMECHANICAL CO.,LTD.**

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Note: this directory all series of products, there may be errors between data and actual, please refer to our actual product.
Are subject to change without prior notice.

Hobanm WATER PUMP

Will provide high quality
solutions for your needs

WWW.CHINAHBM.COM

Hello World



CHINA HOBANM Electromechanical Co., LTD is a comprehensive joint-stock technology company integrating design, R&D, production, sales and service, Founded in 2006.

Our company is a professional production of submersible pump and pipeline booster pump, mainly including vertical multistage centrifugal pump, horizontal multistage centrifugal pump, single-stage single-pipeway pump, deep well pump and sewage pump. The material is mainly cast iron, 304, 316, 316L stainless steel.

Adhering to the principle of common development with customers and mutual benefit with consumers, we constantly pursue first-class quality and first-class service. The company will keep pace with The Times, forge ahead, with first-class talent, first-class technology, first-class equipment, first-class management, seeking the common development of enterprises and society, and carefully build itself into an internationally renowned pump, mechanical and electrical industry comprehensive brand.

13000 m²

Factory area

600w ⁺

Pumps Produced Yealy

100,000,000 ⁺

Annual sales

120 ⁺

Employee

20 ⁺

Countries exported to

150 ⁺

Cooperative partner



CDL/CDLF

Stainless Steel Vertical Multistage Centrifugal Pump



Application

- Water supply & drainage for high-rise buildings, filtration and transfer atwaterworks, pressure boosting in main pipe.
- Washing and cleaning systems, boiler feeding, cooling water circulation.water treatment systems, auxiliary system, support equipment.
- Ultra-filtration systems, reverse-osmosis systems, distillation systems,separators, swimming pools.
- Agricultural irrigation: sprinkler irrigation, drip-feed irrigation.
- Fire-fighting system

Motor

- IE 2 motor (IE 3 motor optional)Totally enclosed & fan-cooled
- Protection class: IP55
- Standard voltage:50Hz 380V

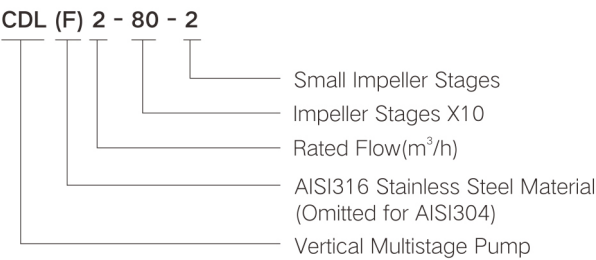
Ambient Temperature

- Max. ambient temperature: +40C . Ambient temperature above 40C or installation at altitude of more than 1000 meters above sea level require the use of an oversize motor. Because of low air density and poor cooling effects, the output power of the motor will be decreased.

Operating Conditions

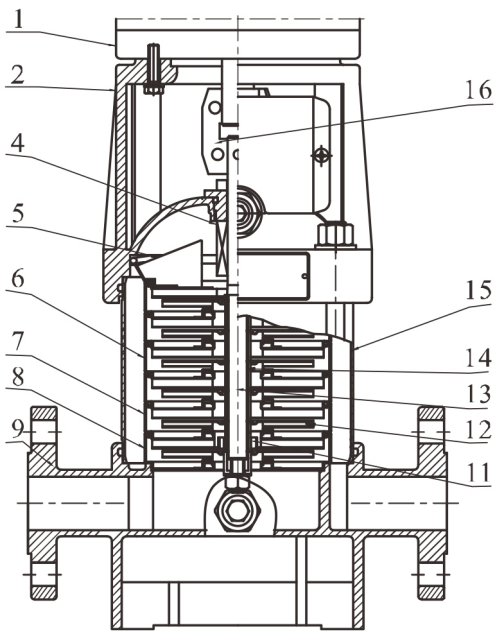
- Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density or viscosity is higher that of water, a motor with a higher output power rating shall be used.
- Liquid temperature: - 20 ° C~+ 120 ° C
- Liquid pH value: 4 - 10
- Max. ambient temperature: +40 ° C
- Max. operating pressure: 33 bar
- Altitude: up to 1000 m

Identification Codes

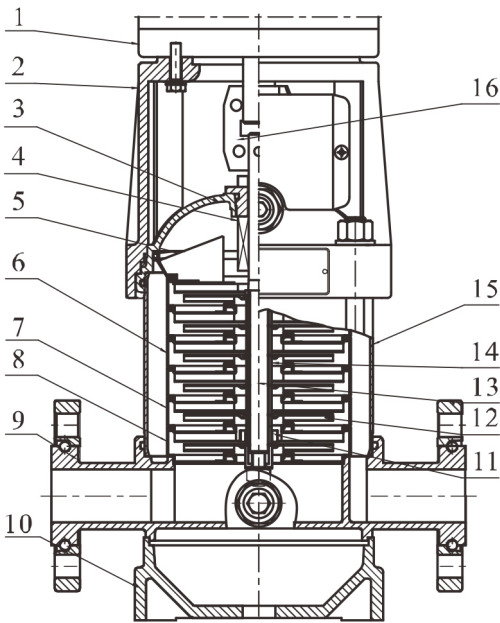


- CDL: Cast iron base & pump cover
- CDLF: Stainless steel wetted parts

Section drawing CDL(F) 2,4



CDL



CDLF

Material CDL(F) 2,4

NO.	Parts	Material	AISI/ASTM
1	Motor		
2	support	cast iron	ASTM25B
4	mechanical seal		
5	Outlet guide vane	stainless steel	AISI304
6	Guide vane	stainless steel	AISI304
7	Support guide vane	stainless steel	AISI304
8	Water inlet	stainless steel	AISI304
11	bearing	tungsten carbide	
12	impeller	stainless steel	AISI304
13	axle	stainless steel	AISI304 AISI316L
14	Spacer sleeve	stainless steel	AISI304
15	Pressure cylinder	stainless steel	AISI304
16	coupling	carbon steel	

CDL

9	Water section	cast iron	ASTM25B
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CDLF

3	Pump head	stainless steel	AISI304
9	Water section	stainless steel	AISI304
10	base	cast iron	ASTM25B



Technical Data

Model	Power (KW)	Flow (m³ /h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
CDL(F)2-20	0.37	Head (m)	18	17	16	15	13	12	10	8
CDL(F)2-30	0.37		27	26	24	22	20	18	15	12
CDL(F)2-40	0.55		36	35	33	30	26	24	20	16
CDL(F)2-50	0.55		45	43	40	37	33	30	24	20
CDL(F)2-60	0.75		53	52	50	45	40	36	30	24
CDL(F)2-70	0.75		63	61	57	52	47	41	35	28
CDL(F)2-90	1.1		80	78	73	67	61	54	45	37
CDL(F)2-110	1.1		98	95	89	82	73	65	54	44
CDL(F)2-130	1.5		116	114	106	98	89	78	65	52
CDL(F)2-150	1.5		134	130	123	112	100	90	73	60
CDL(F)2-180	2.2		161	157	148	136	121	108	91	76
CDL(F)2-220	2.2		197	192	180	165	148	130	110	90
CDL(F)2-260	3.0		232	228	214	198	179	158	130	110

Model	Power (KW)	Flow (m³ /h)	1.5	2	3	4	5	6	7	8
CDL(F)4-20	0.37	Head (m)	19	18	17	15	13	10	8	6
CDL(F)4-30	0.55		28	27	26	24	20	18	13	10
CDL(F)4-40	0.75		38	36	34	32	27	24	19	13
CDL(F)4-50	1.1		47	45	43	40	34	31	23	17
CDL(F)4-60	1.1		56	54	52	48	41	37	28	20
CDL(F)4-70	1.5		66	63	61	56	48	43	33	24
CDL(F)4-80	1.5		74	72	70	64	55	50	38	27
CDL(F)4-100	2.2		96	90	87	81	71	62	48	34
CDL(F)4-120	2.2		114	108	104	95	8	75	58	41
CDL(F)4-140	3.0		136	126	122	112	101	89	68	48
CDL(F)4-160	3.0		152	144	140	129	115	101	78	55
CDL(F)4-190	4.0		183	171	168	153	137	122	93	67
CDL(F)4-220	4.0		211	200	192	178	160	138	108	79

Technical Data

Model	Power (KW)	Flow (m³ /h)	5	6	7	8	9	10	11	12
CDL(F)8-20	0.75	Head (m)	20	19.5	19	18	17	16	14	13
CDL(F)8-30	1.1		30	29.5	28.5	26	25	24	21	19
CDL(F)8-40	1.5		41	39.5	38	35	34	32	28	26
CDL(F)8-50	2.2		52	50	48	44	52	40	36	32
CDL(F)8-60	2.2		62	60	57	53	51	48	43	39
CDL(F)8-80	3.0		83	80	76	70	69	64	56	52
CDL(F)8-100	4.0		104	100	95	88	85	80	70	65
CDL(F)8-120	4.0		124	120	114	105	102	96	84	78
CDL(F)8-140	5.5		145	141	133	121	119	112	98	92
CDL(F)8-160	5.5		166	161	152	140	136	128	112	104
CDL(F)8-180	7.5		187	182	170	156	153	144	126	117
CDL(F)8-200	7.5		208	202	190	174	170	160	140	130

Model	Power (KW)	Flow (m³ /h)	8	10	12	14	16	18	20	22
CDL(F)16-20	2.2	Head (m)	27	26	25	24	22	21	19	16
CDL(F)16-30	3		41	40	38	37	34	32	26	25
CDL(F)16-40	4		54	53	52	49	46	43	38	34
CDL(F)16-50	5.5		68	67	65	62	58	54	48	43
CDL(F)16-60	5.5		83	80	78	74	69	64	58	52
CDL(F)16-70	7.5		96	95	91	87	80	76	68	61
CDL(F)16-80	7.5		110	108	104	99	92	86	77	70
CDL(F)16-100	11		138	136	131	125	115	109	97	87
CDL(F)16-120	11		166	162	157	150	138	130	116	105
CDL(F)16-140	15		194	190	184	175	160	152	136	122
CDL(F)16-160	15		222	217	210	200	18	174	156	140