

CDLF

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



PUMP

CDLF is a vertical, non-self-priming multistage centrifugal pump driven by a standard electric motor. The motor shaft is connected directly to the pump shaft through a coupling. The pressure-resistant cylinder and the flow passage components are held between the pump head and the inlet and outlet section by stay bolts. The inlet and outlet are at the bottom of the pump, on the same level. The pump can be fitted with an intelligent protector against dry running, phase failure and overload.

MOTOR

Totally enclosed, fan-cooled two-pole standard motor
Protection class: IP55 | Insulation class: F
Single-phase 1~ 220–240 V, 50 Hz
Three-phase 3~ 380–415 V, 50 Hz
Above 3 kW: three-phase only

2–42 m³/h	1–55 m³/h	21–30 bar	0.37–45 kW	-15 ~ +120 °C	n ≈ 2900 /min
RATED FLOW	FLOW RANGE	MAX. PRESSURE	MOTOR POWER	LIQUID TEMPERATURE	SPEED

APPLICATIONS

CDLF is a versatile pump. It can convey a wide range of media, from tap water to industrial liquids, at different temperatures, flow rates and pressures. CDLF is suitable for slightly corrosive liquids.

Water supply: Filtration and water transfer in waterworks, pressure boosting in main pipelines and high-rise buildings.

Industrial boosting: Process water systems, cleaning systems, high-pressure washing systems, fire-fighting systems.

Industrial liquid conveying: Cooling and air-conditioning systems, boiler feed and condensate systems, machine-related applications, acids and alkalis.

Water treatment: Ultrafiltration systems, reverse osmosis systems, distillation systems, separators, swimming pools.

Irrigation: Farmland irrigation, sprinkler irrigation, drip irrigation.

OPERATING CONDITIONS

Thin, clean, non-flammable and non-explosive liquids without solid particles or fibers
Liquid temperature, normal type: -15 °C ~ +70 °C
Liquid temperature, hot water type: -15 °C ~ +120 °C
Ambient temperature: up to +40 °C
Altitude: up to 1000 m

PERFORMANCE CURVES

- All curves are based on values measured at 50 Hz and a constant motor speed of 2900 or 2950 /min.
- Curve tolerances according to ISO 9906, Annex A.
- Measurements were made with air-free water at 20 °C and a kinematic viscosity of 1 mm²/s.

MODEL DESIGNATION

CDLF 2, 4, 8, 12, 16, 20
Example: CDLFM4-2 · CDLF4-2T

CDLF Light vertical multistage centrifugal pump; flow passage components in stainless steel 304 or 316L

M Single-phase 1~ 220–240 V (models up to 3 kW)
4 Rated flow (m³/h)
2 Number of stages
T Three-phase 3~ 380–415 V

CDLF 32, 42
Example: CDLFM32-2-2 · CDLF32-2-2T

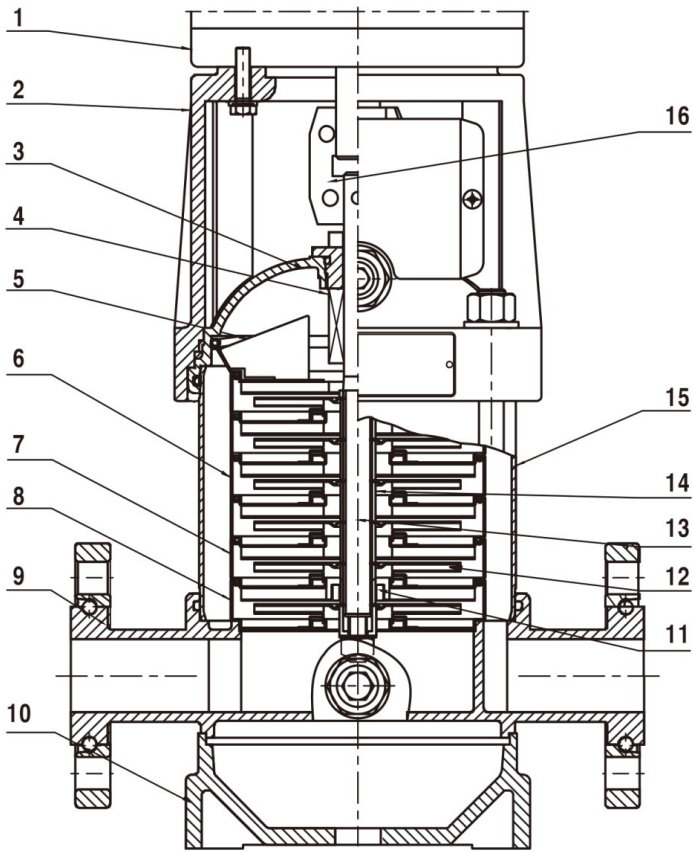
CDLF Light vertical multistage centrifugal pump; flow passage components in stainless steel 304 or 316L

M Single-phase 1~ 220–240 V (models up to 3 kW)
32 Rated flow (m³/h)
2 Number of stages
2 Number of small impellers
T Three-phase 3~ 380–415 V

PRODUCT RANGE

DESCRIPTION	CDLF2	CDLF4	CDLF8	CDLF12	CDLF16	CDLF20	CDLF32	CDLF42
Rated flow (m³/h)	2	4	8	12	16	20	32	42
Rated flow (l/s)	0.56	1.1	2.2	3.3	4.4	5.6	8.9	11.7
Flow range (m³/h)	1–3.5	1.5–7	5–12	7–16	8–22	10–28	16–40	25–55
Flow range (l/s)	0.28–0.97	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
Max. pressure (bar)	23	21	21	22	22	23	29	30
Motor power (kW)	0.37–3	0.37–4	0.75–7.5	1.5–11	2.2–15	1.1–18.5	1.5–30	3–45
Temperature range (°C)	-15 ~ +120							
Max. efficiency (%)	46	57	62	63	66	69	73	75
DIN flange	DN25	DN32	DN40	DN50	DN50	DN50	DN65	DN80
Cutting ferrule joint	DN32	DN32	DN50	DN50	DN50	DN50	–	–
Pipe thread	ZG1¼	ZG1¼	ZG2	ZG2	ZG2	ZG2	–	–

SECTION DRAWING CDLF 2, 4

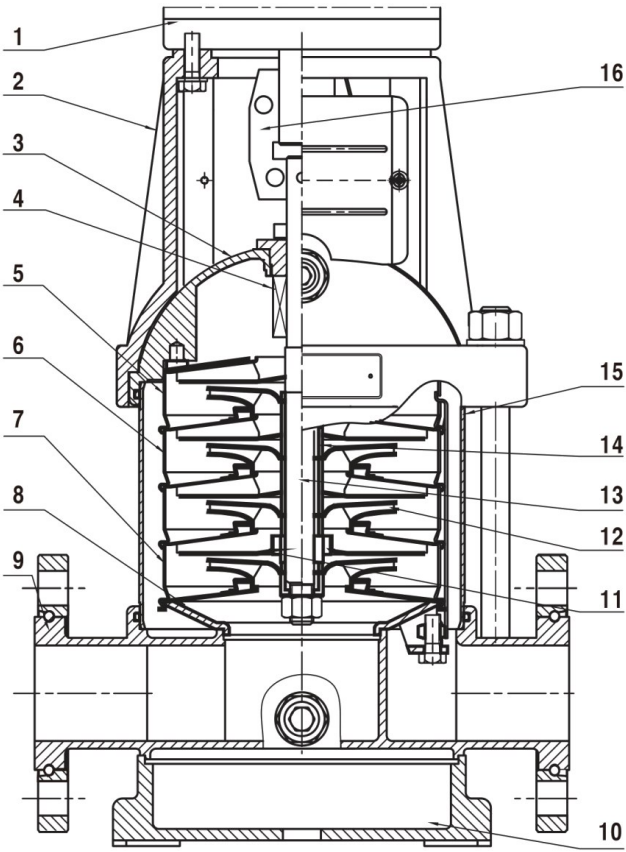


MATERIALS CDLF 2, 4

NO.	NAME	MATERIAL	AISI / ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
3	Seal base	Stainless steel	AISI304
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 / AISI316L
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	

Items 3, 9, 10: CDLF version.

SECTION DRAWING CDLF 8, 12, 16, 20

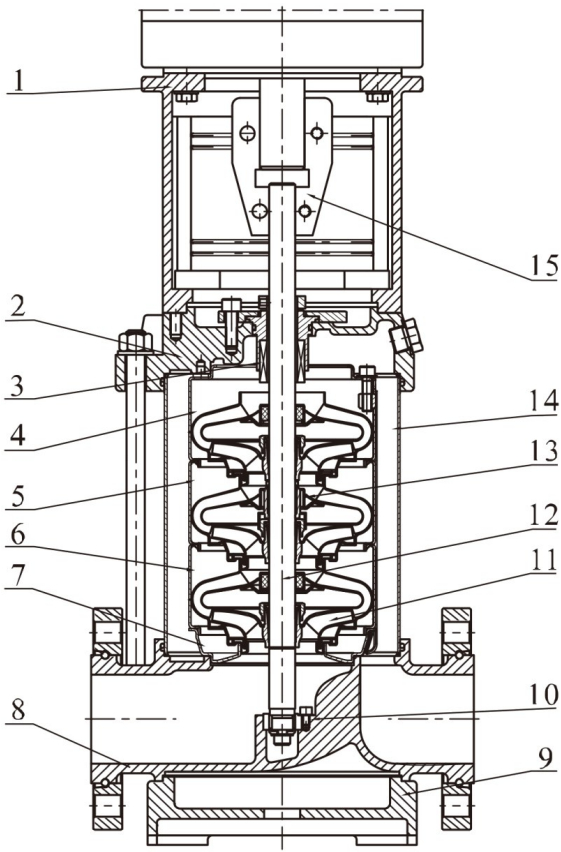


MATERIALS CDLF 8, 12, 16, 20

NO.	NAME	MATERIAL	AISI / ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
3	Seal base	Stainless steel	AISI304
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Cast iron	ASTM25B
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 / AISI316L
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	

Items 3, 9, 10: CDLF version.

SECTION DRAWING CDLF 32, 42



MATERIALS CDLF 32, 42

NO.	NAME	MATERIAL	AISI / ASTM
1	Bracket	Cast iron	ASTM25B
2	Pump head	Stainless steel	AISI304
3	Mechanical seal		
4	Top diffuser	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Inducer	Stainless steel	AISI304
8	Inlet and outlet chamber	Stainless steel	AISI304
9	Base plate	Cast iron	ASTM25B
10	Bottom bearing	Tungsten carbide	
11	Impeller	Stainless steel	AISI304
12	Shaft	Stainless steel	AISI316L / AISI304 / AISI431
13	Intermediate bearing	Tungsten carbide	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
-	Rubber parts	NBR	

Items 2, 8: CDLF version.

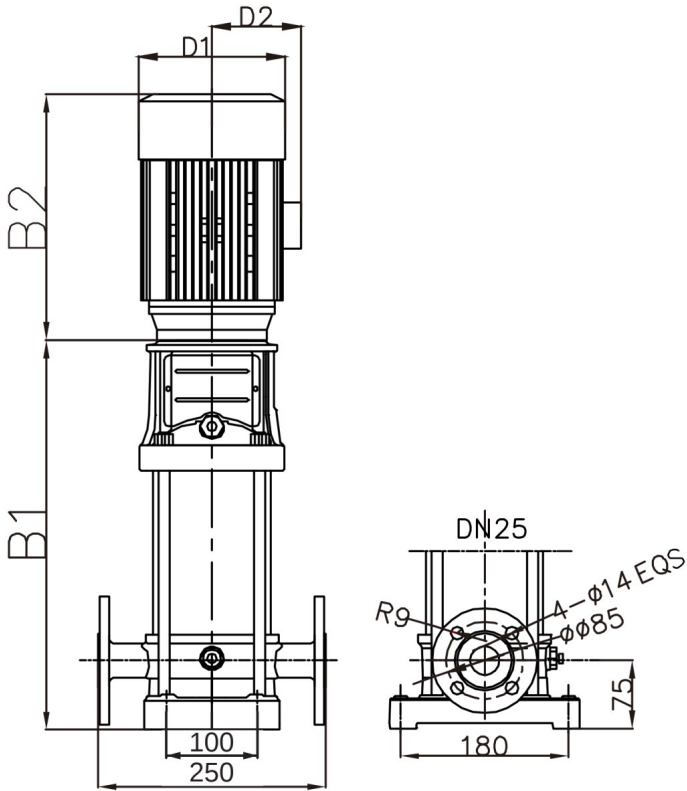
CDLF2

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



Photo: CDLF 2, 4

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

2 m³/h

RATED FLOW

1–3.5 m³/h

FLOW RANGE

23 bar

MAX. PRESSURE

0.37–3 kW

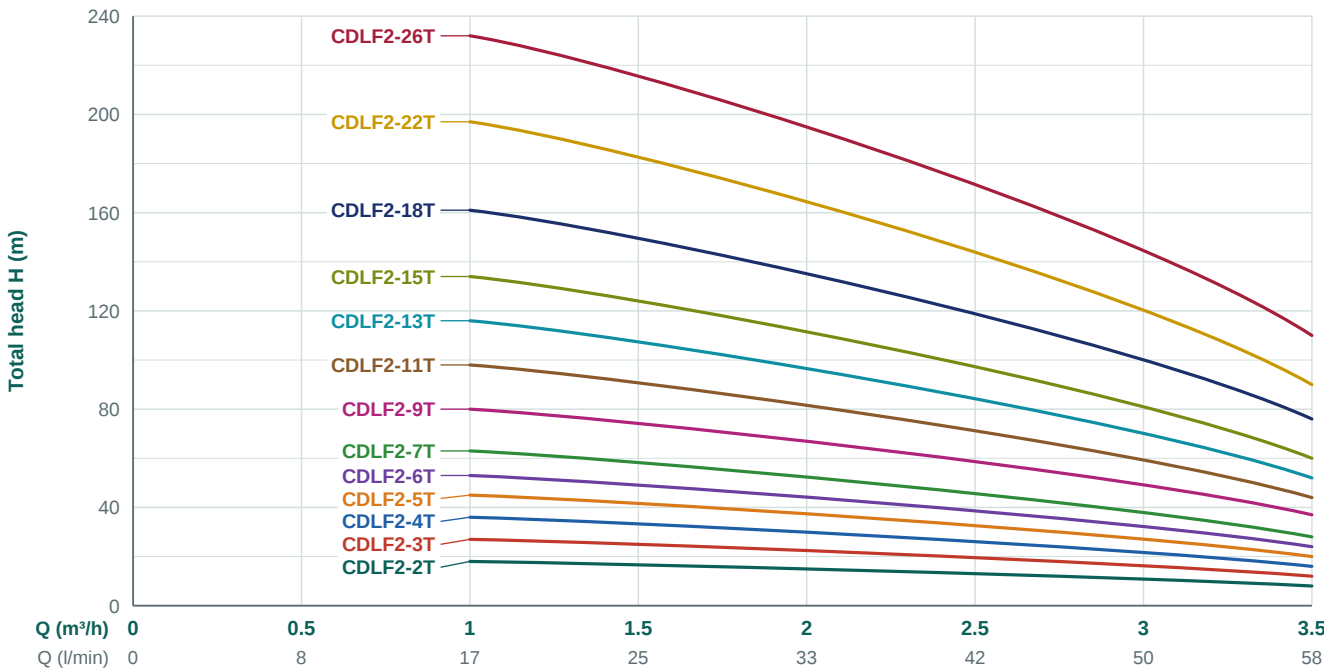
MOTOR POWER

1" / 1"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF2-2T	259	235	494	170	120
CDLF2-3T	277	235	512	170	120
CDLF2-4T	295	235	530	170	120
CDLF2-5T	313	235	548	170	120
CDLF2-6T	332	240	572	170	120
CDLF2-7T	350	240	590	170	120
CDLF2-9T	386	240	626	170	120
CDLF2-11T	422	240	662	170	120
CDLF2-13T	429	280	709	180	130
CDLF2-15T	515	280	795	180	130
CDLF2-18T	570	280	850	180	130
CDLF2-22T	630	280	910	180	130
CDLF2-26T	690	280	970	180	130

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h	1	1.2	1.6	2	2.4	2.8	3.2	3.5
3~ 380–415 V / 1~ 220–240 V				kW	HP			17	20	27	33	40	47	53	58
CDLF2-2T	CDLFM2-2	3~	2	0.37	0.5	H (m)		18	17	16	15	13	12	10	8
CDLF2-3T	CDLFM2-3	3~	3	0.37	0.5			27	26	24	22	20	18	15	12
CDLF2-4T	CDLFM2-4	3~	4	0.55	0.75			36	35	33	30	26	24	20	16
CDLF2-5T	CDLFM2-5	3~	5	0.55	0.75			45	43	40	37	33	30	24	20
CDLF2-6T	CDLFM2-6	3~	6	0.75	1			53	52	50	45	40	36	30	24
CDLF2-7T	CDLFM2-7	3~	7	0.75	1			63	61	57	52	47	41	35	28
CDLF2-9T	CDLFM2-9	3~	9	1.1	1.5			80	78	73	67	61	54	45	37
CDLF2-11T	CDLFM2-11	3~	11	1.1	1.5			98	95	89	82	73	64	54	44
CDLF2-13T	CDLFM2-13	3~	13	1.5	2			116	114	106	98	89	78	64	52
CDLF2-15T	CDLFM2-15	3~	15	1.5	2			134	130	123	112	100	90	73	60
CDLF2-18T	CDLFM2-18	3~	18	2.2	3			161	157	148	136	121	108	91	76
CDLF2-22T	CDLFM2-22	3~	22	2.2	3			197	192	180	165	148	130	110	90
CDLF2-26T	CDLFM2-26	3~	26	3	4			232	228	214	198	179	158	130	110

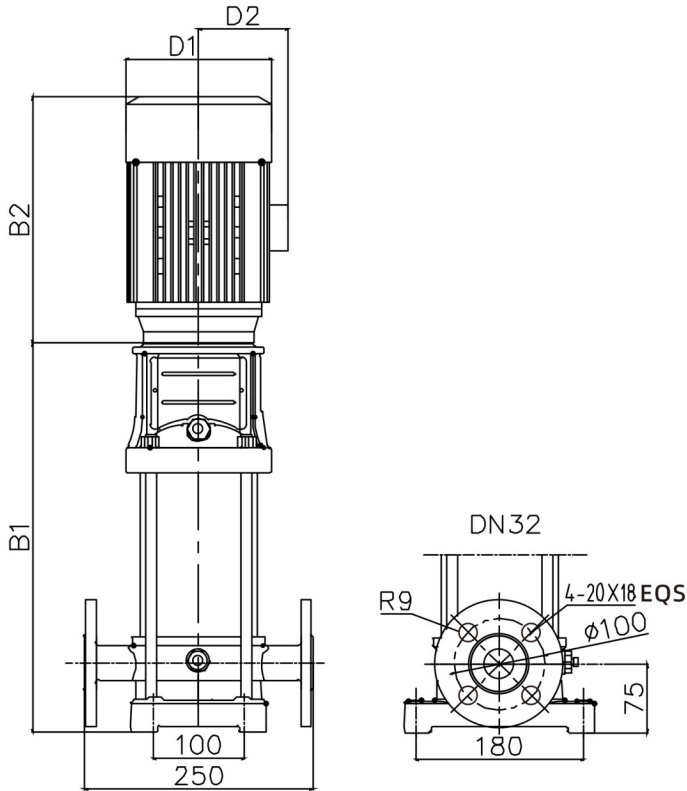
CDLF4

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



Photo: CDLF 2, 4

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

4 m³/h

RATED FLOW

1.5–7 m³/h

FLOW RANGE

21 bar

MAX. PRESSURE

0.37–4 kW

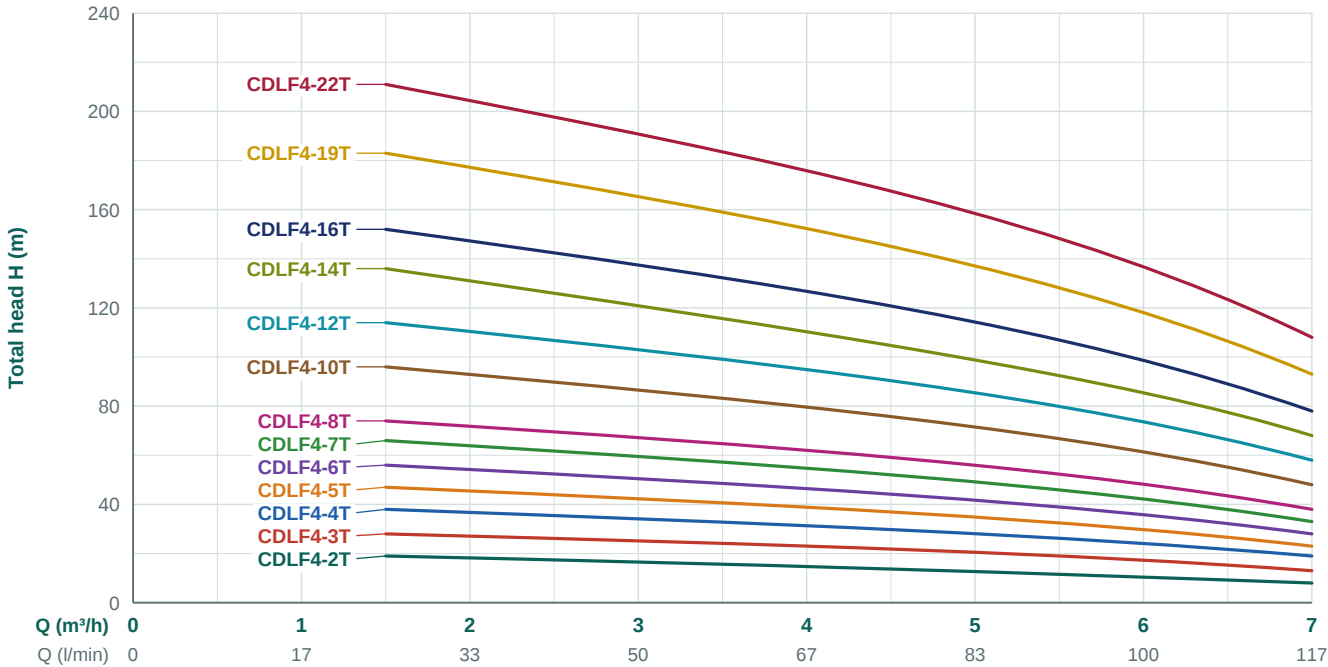
MOTOR POWER

1.25" / 1.25"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF4-2T	255	235	490	170	110
CDLF4-3T	282	235	517	170	110
CDLF4-4T	309	260	569	170	110
CDLF4-5T	336	260	596	170	110
CDLF4-6T	390	260	650	170	110
CDLF4-7T	420	300	720	180	110
CDLF4-8T	447	300	747	180	110
CDLF4-10T	510	300	810	180	110
CDLF4-12T	565	300	865	180	110
CDLF4-14T	642	310	952	180	135
CDLF4-16T	696	310	1006	180	135
CDLF4-19T	777	350	1127	180	135
CDLF4-22T	858	350	1208	180	135

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h l/min	1.5	2	3	4	5	6	7
3~ 380–415 V / 1~ 220–240 V				kW	HP									
 CDLF4-2T CDLFM4-2	3~ 1~	2	0.37	0.5	H (m)	19	18	17	15	13	10	8		
 CDLF4-3T CDLFM4-3	3~ 1~	3	0.55	0.75		28	27	26	24	20	18	13		
 CDLF4-4T CDLFM4-4	3~ 1~	4	0.75	1		38	36	34	32	27	24	19		
 CDLF4-5T CDLFM4-5	3~ 1~	5	1.1	1.5		47	45	43	40	34	31	23		
 CDLF4-6T CDLFM4-6	3~ 1~	6	1.1	1.5		56	54	52	48	41	37	28		
 CDLF4-7T CDLFM4-7	3~ 1~	7	1.5	2		66	63	61	56	48	43	33		
 CDLF4-8T CDLFM4-8	3~ 1~	8	1.5	2		74	72	70	64	55	50	38		
 CDLF4-10T CDLFM4-10	3~ 1~	10	2.2	3		96	90	87	81	71	62	48		
 CDLF4-12T CDLFM4-12	3~ 1~	12	2.2	3		114	108	104	95	85	75	58		
 CDLF4-14T CDLFM4-14	3~ 1~	14	3	4		136	126	122	112	101	89	68		
 CDLF4-16T CDLFM4-16	3~ 1~	16	3	4		152	144	140	129	115	101	78		
 CDLF4-19T	3~	19	4	5.5		183	171	168	153	137	122	93		
 CDLF4-22T	3~	22	4	5.5		211	200	192	178	160	138	108		

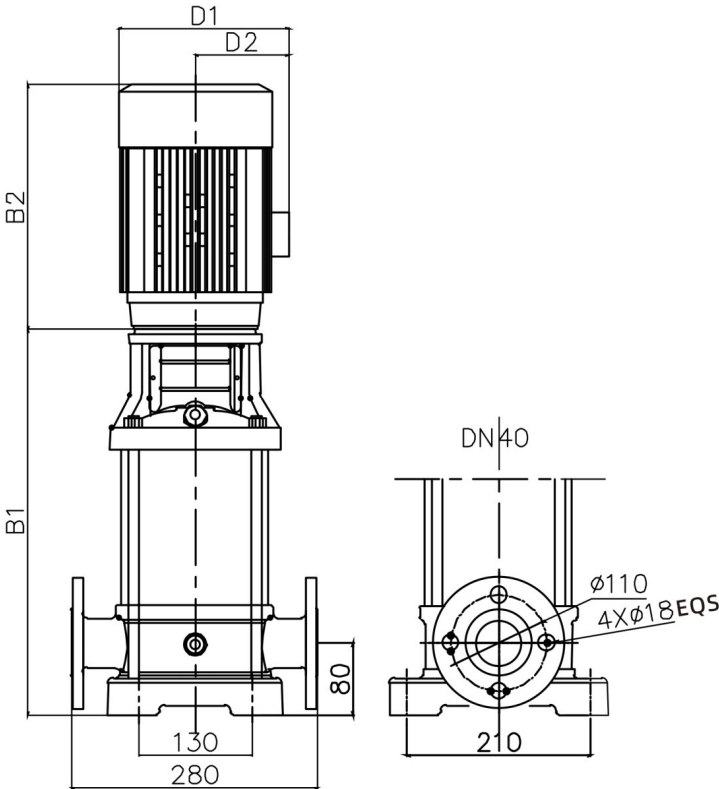
CDLF8

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min

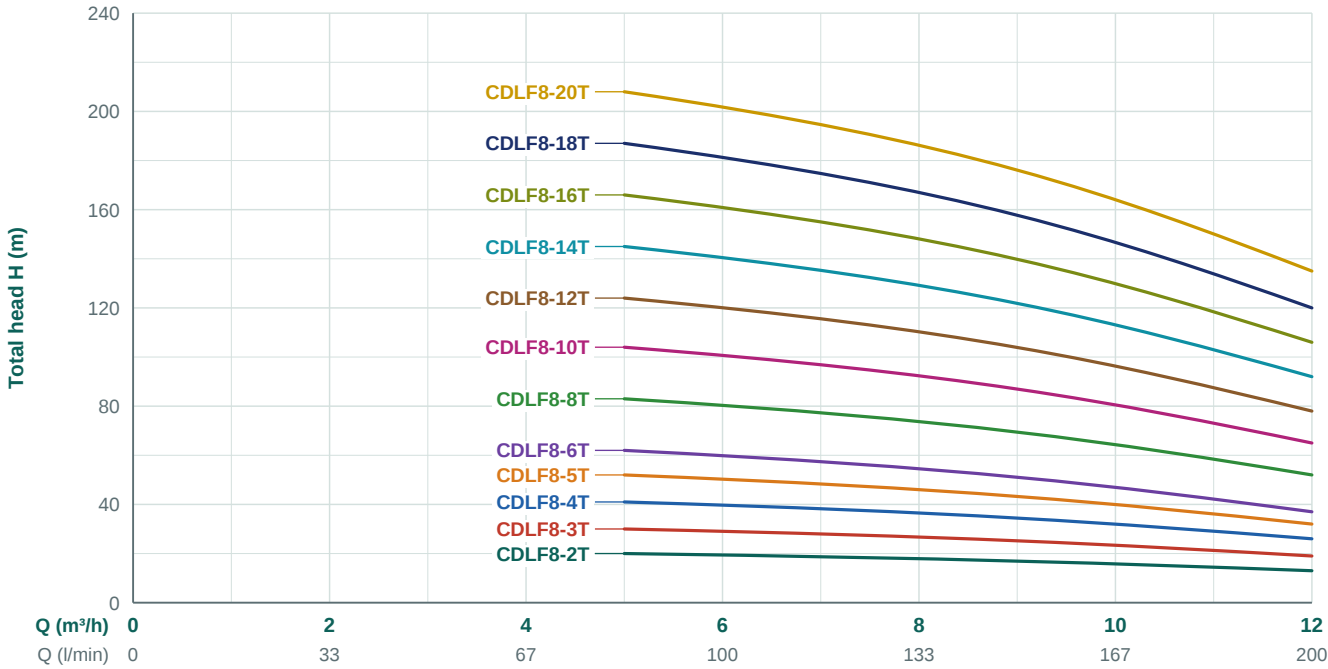


Photo: CDLF 8, 12, 16, 20

INSTALLATION SKETCH



8 m³/h	5–12 m³/h	21 bar	0.75–7.5 kW	1.5" / 1.5"	n ≈ 2900 /min
RATED FLOW	FLOW RANGE	MAX. PRESSURE	MOTOR POWER	INLET / OUTLET	SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF8-2T	320	240	560	170	105
CDLF8-3T	350	240	590	170	105
CDLF8-4T	385	240	625	175	110
CDLF8-5T	415	240	655	175	110
CDLF8-6T	445	240	685	175	110
CDLF8-8T	520	315	835	180	175
CDLF8-10T	580	315	895	180	175
CDLF8-12T	640	315	955	180	175
CDLF8-14T	720	415	1135	258	180
CDLF8-16T	780	415	1195	258	180
CDLF8-18T	840	415	1255	258	180
CDLF8-20T	900	415	1315	258	180

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h l/min	5	6	7	8	9	10	11	12
3~ 380–415 V / 1~ 220–240 V				kW	HP			83	100	117	133	150	167	183	200
 CDLF8-2T CDLFM8-2	3~ 1~	2	0.75	1	H (m)	20	19.5	19	18	17	16	14	13		
 CDLF8-3T CDLFM8-3	3~ 1~	3	1.1	1.5		30	29.5	28.5	27	25	24	21	19		
 CDLF8-4T CDLFM8-4	3~ 1~	4	1.5	2		41	39.5	38	36	34	32	28	26		
 CDLF8-5T CDLFM8-5	3~ 1~	5	2.2	3		52	50	48	45	42	40	36	32		
 CDLF8-6T CDLFM8-6	3~ 1~	6	2.2	3		62	60	57	54	51	48	43	37		
 CDLF8-8T CDLFM8-8	3~ 1~	8	3	4		83	80	77	73	69	65	58	52		
 CDLF8-10T	3~	10	4	5.5		104	100	97	92	87	81	73	65		
 CDLF8-12T	3~	12	4	5.5		124	120	116	111	104	97	87	78		
 CDLF8-14T	3~	14	5.5	7.5		145	141	136	130	122	113	102	92		
 CDLF8-16T	3~	16	5.5	7.5		166	161	156	148	139	130	118	106		
 CDLF8-18T	3~	18	7.5	10		187	182	175	167	157	146	134	120		
 CDLF8-20T	3~	20	7.5	10		208	202	195	186	175	163	150	135		

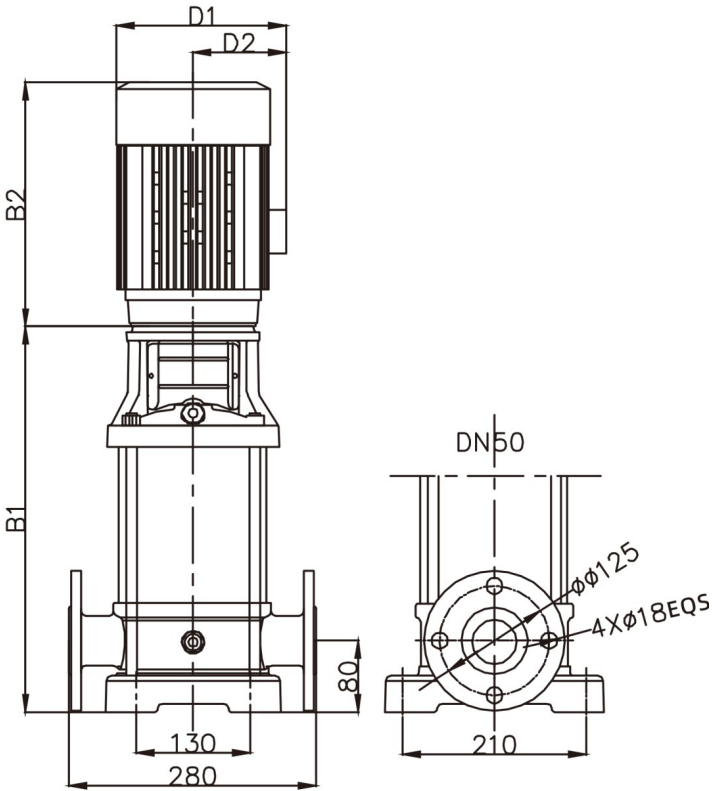
CDLF12

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



Photo: CDLF 8, 12, 16, 20

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

12 m³/h

RATED FLOW

7–16 m³/h

FLOW RANGE

22 bar

MAX. PRESSURE

1.5–11 kW

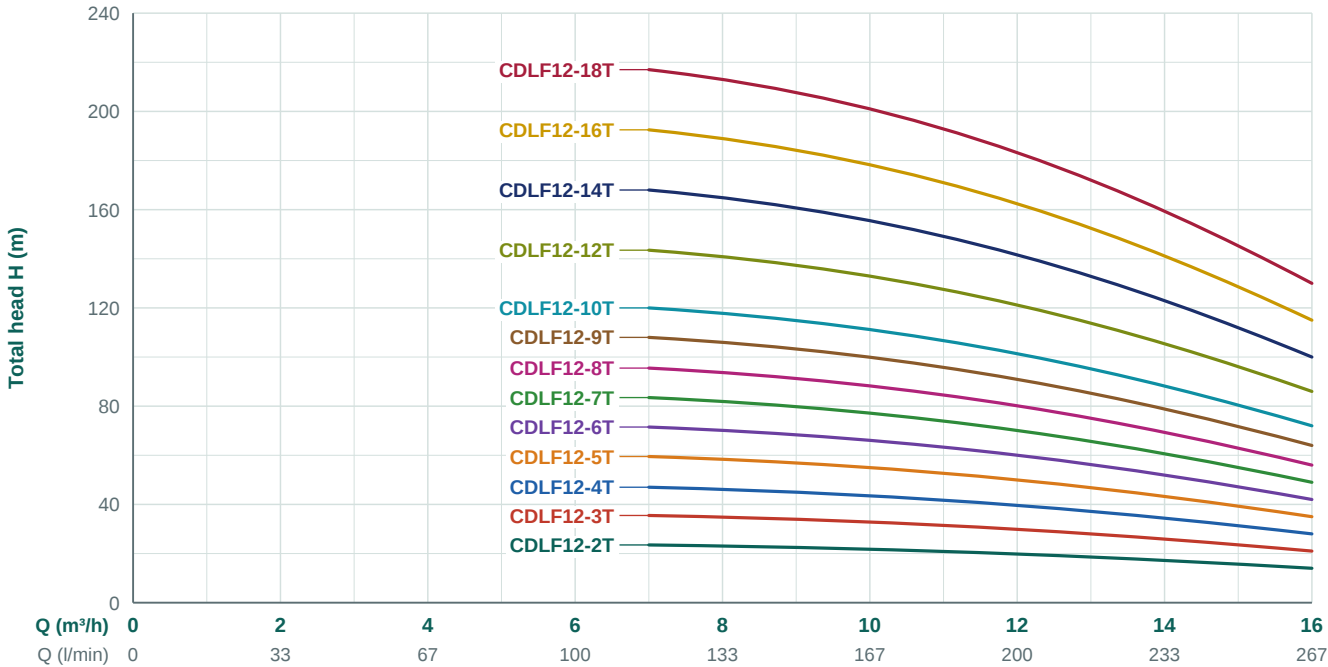
MOTOR POWER

2" / 2"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF12-2T	325	280	605	195	110
CDLF12-3T	355	280	635	195	110
CDLF12-4T	400	310	710	240	135
CDLF12-5T	400	350	750	240	135
CDLF12-6T	445	350	795	240	135
CDLF12-7T	505	415	920	258	160
CDLF12-8T	535	415	950	258	160
CDLF12-9T	565	415	980	258	160
CDLF12-10T	595	415	1010	258	160
CDLF12-12T	655	415	1070	258	160
CDLF12-14T	750	500	1250	300	215
CDLF12-16T	810	500	1310	300	215
CDLF12-18T	870	500	1370	300	215

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h	7	8	9	10	11	12	13	14	15	16
3~ 380–415 V / 1~ 220–240 V				kW	HP		l/min	117	133	150	167	183	200	217	233	250	267
 CDLF12-2T CDLFM12-2	3~ 1~	2	1.5	2	H (m)	23.5	23	22.5	22	21	20	18.5	17	15.5	14		
 CDLF12-3T CDLFM12-3	3~ 1~	3	2.2	3		35.5	35	34	33	31.5	30	28	26	23.5	21		
 CDLF12-4T CDLFM12-4	3~ 1~	4	3	4		47	46	45	44	42	40	37	34	31	28		
 CDLF12-5T CDLFM12-5	3~ 1~	5	3	4		59.5	58	56.5	55	52.5	50	46.5	43	39	35		
 CDLF12-6T	3~	6	4	5.5		71.5	70	68	66	63	60	56	52	47	42		
 CDLF12-7T	3~	7	5.5	7.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49		
 CDLF12-8T	3~	8	5.5	7.5		95.5	94	91	88	84	80	75	70	63	56		
 CDLF12-9T	3~	9	5.5	7.5		108	106	103	100	95.5	91	85	79	71.5	64		
 CDLF12-10T	3~	10	7.5	10		120	118	114.5	111	106	101	94.5	88	80	72		
 CDLF12-12T	3~	12	7.5	10		143.5	141	137	133	127	121	113.5	106	96	86		
 CDLF12-14T	3~	14	11	15		168	165	160	155	148	141	132.5	124	112	100		
 CDLF12-16T	3~	16	11	15		192.5	189	183.5	178	170	162	152	142	128.5	115		
 CDLF12-18T	3~	18	11	15		217	213	207.5	202	192.5	183	171.5	160	145	130		

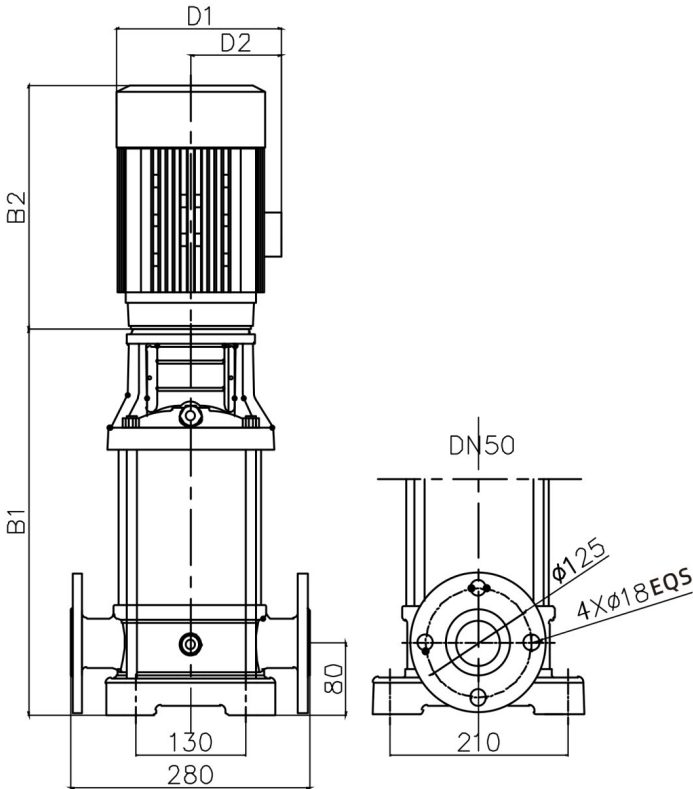
CDLF16

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



Photo: CDLF 8, 12, 16, 20

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

16 m³/h

RATED FLOW

8–22 m³/h

FLOW RANGE

22 bar

MAX. PRESSURE

2.2–15 kW

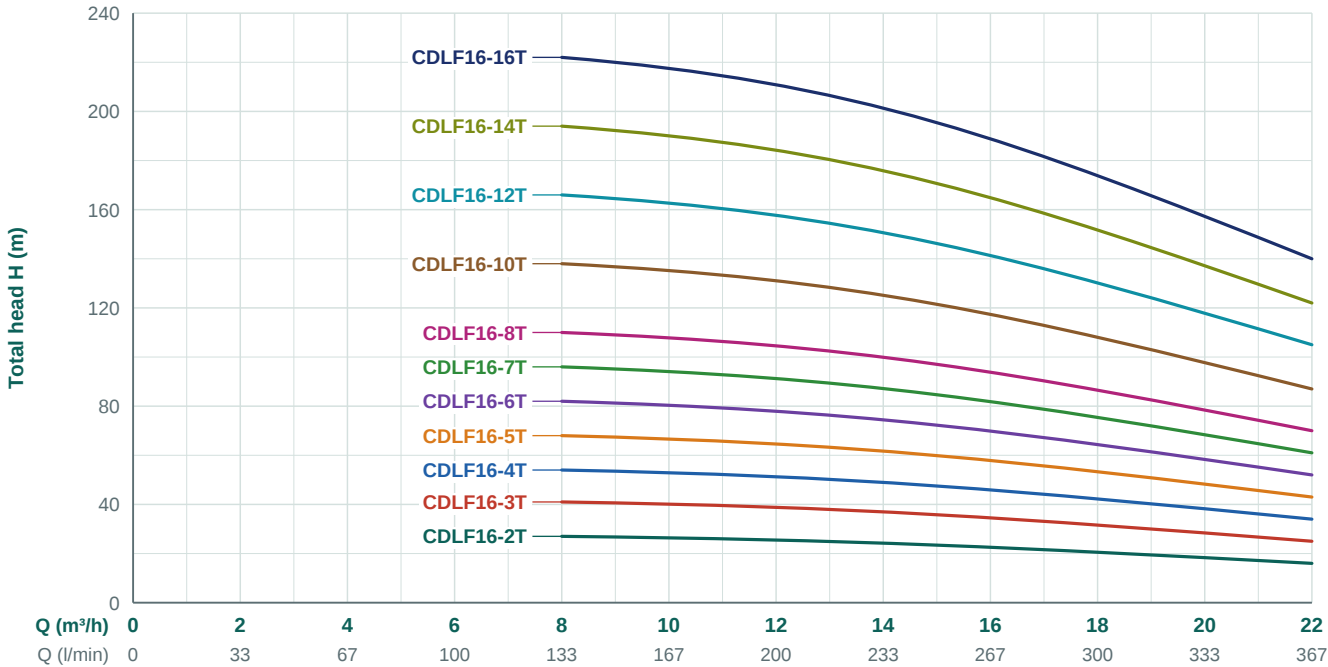
MOTOR POWER

2" / 2"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF16-2T	310	280	590	180	135
CDLF16-3T	395	310	705	195	135
CDLF16-4T	440	350	790	240	135
CDLF16-5T	500	415	915	258	165
CDLF16-6T	545	415	960	258	165
CDLF16-7T	590	415	1005	258	165
CDLF16-8T	635	415	1050	258	220
CDLF16-10T	780	500	1280	300	220
CDLF16-12T	870	500	1370	300	220
CDLF16-14T	960	500	1460	300	220
CDLF16-16T	1050	500	1550	300	220

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m ³ /h	8	10	12	14	16	18	20	22
3~ 380–415 V / 1~ 220–240 V				kW	HP		l/min	133	167	200	233	267	300	333	367
 CDLF16-2T	CDLFM16-2	3~	2	2.2	3	H (m)	27	26	25	24	22	21	19	16	
 CDLF16-3T	CDLFM16-3	3~	3	3	4		41	40	38	37	34	32	29	25	
 CDLF16-4T		3~	4	4	5.5		54	53	52	49	46	43	38	34	
 CDLF16-5T		3~	5	5.5	7.5		68	67	65	62	58	54	48	43	
 CDLF16-6T		3~	6	5.5	7.5		82	80	78	74	70	64	58	52	
 CDLF16-7T		3~	7	7.5	10		96	95	91	87	82	76	68	61	
 CDLF16-8T		3~	8	7.5	10		110	108	104	99	94	86	77	70	
 CDLF16-10T		3~	10	11	15		138	136	131	125	118	109	97	87	
 CDLF16-12T		3~	12	11	15		166	162	157	150	141	130	116	105	
 CDLF16-14T		3~	14	15	20		194	190	184	175	166	152	136	122	
 CDLF16-16T		3~	16	15	20		222	217	210	200	189	174	156	140	

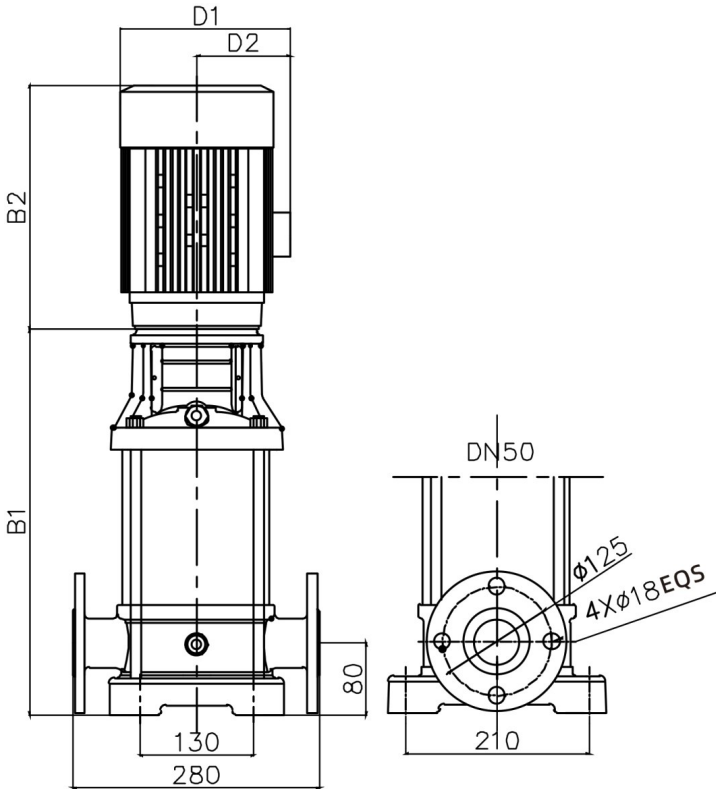
CDLF20

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min



Photo: CDLF 8, 12, 16, 20

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

20 m³/h

RATED FLOW

10–28 m³/h

FLOW RANGE

23 bar

MAX. PRESSURE

1.1–18.5 kW

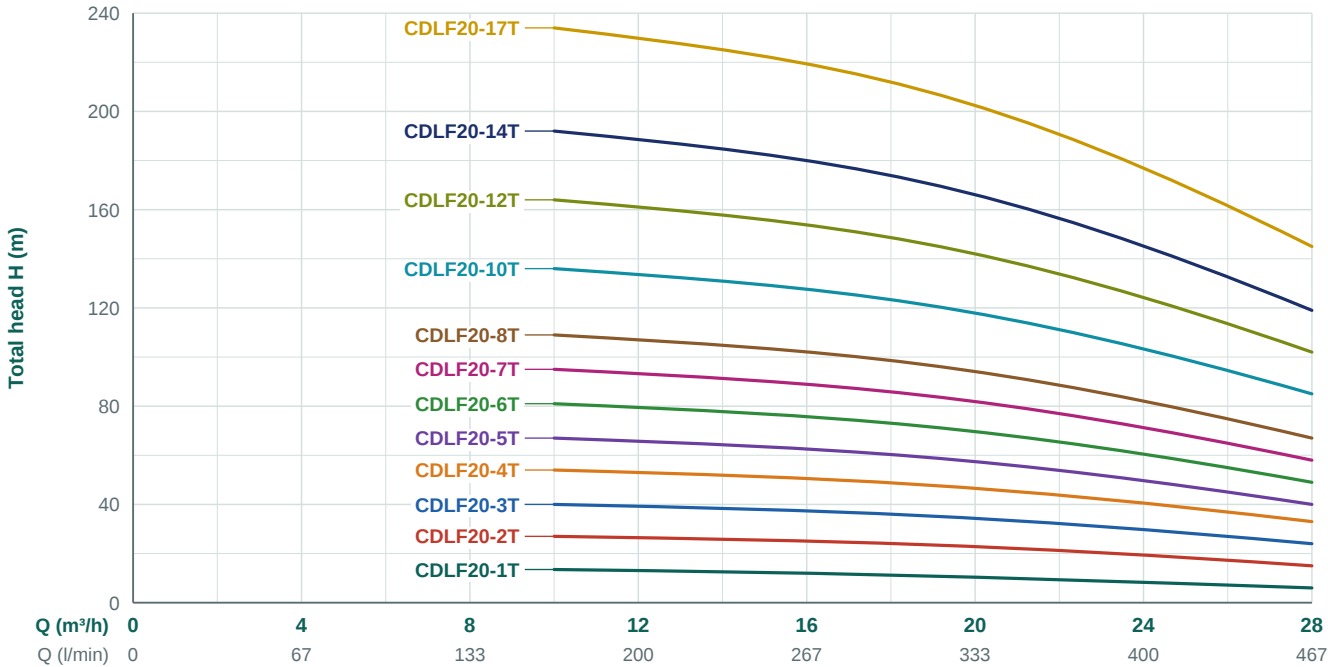
MOTOR POWER

2" / 2"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF20-1T	290	240	530	180	135
CDLF20-2T	310	280	590	195	135
CDLF20-3T	395	350	745	240	135
CDLF20-4T	460	415	875	258	165
CDLF20-5T	505	415	920	258	165
CDLF20-6T	550	415	965	258	165
CDLF20-7T	645	415	1060	258	220
CDLF20-8T	690	500	1190	300	220
CDLF20-10T	780	500	1280	300	220
CDLF20-12T	870	500	1370	300	220
CDLF20-14T	960	500	1460	300	220
CDLF20-17T	1095	500	1595	300	220

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h	10	12	14	16	18	20	22	24	26	28
3~ 380~415 V / 1~ 220~240 V				kW	HP		l/min	167	200	233	267	300	333	367	400	433	467
 CDLF20-1T CDLFM20-1	3~ 1~	1	1.1	1.5	H (m)	13.5	13	12.5	12	11	10	9	8	7	6		
 CDLF20-2T CDLFM20-2	3~ 1~	2	2.2	3		27	26.5	26	25	24	23	22	20	18	15		
 CDLF20-3T	3~	3	4	5.5		40	39.5	39	38	37	35	33	30	27	24		
 CDLF20-4T	3~	4	5.5	7.5		54	53	52	51	49	47	44	41	37	33		
 CDLF20-5T	3~	5	5.5	7.5		67	66	64	62	60	58	55	50	45	40		
 CDLF20-6T	3~	6	7.5	10		81	79	77	75	73	70	66	61	55	49		
 CDLF20-7T	3~	7	7.5	10		95	93	91	89	86	82	77	71	65	58		
 CDLF20-8T	3~	8	11	15		109	107	105	102	99	94	89	82	75	67		
 CDLF20-10T	3~	10	11	15		136	134	131	128	124	118	111	103	95	85		
 CDLF20-12T	3~	12	15	20		164	162	158	154	149	142	133	124	114	102		
 CDLF20-14T	3~	14	15	20		192	189	185	180	174	166	156	145	133	119		
 CDLF20-17T	3~	17	18.5	25		234	230	225	219	212	202	190	177	162	145		

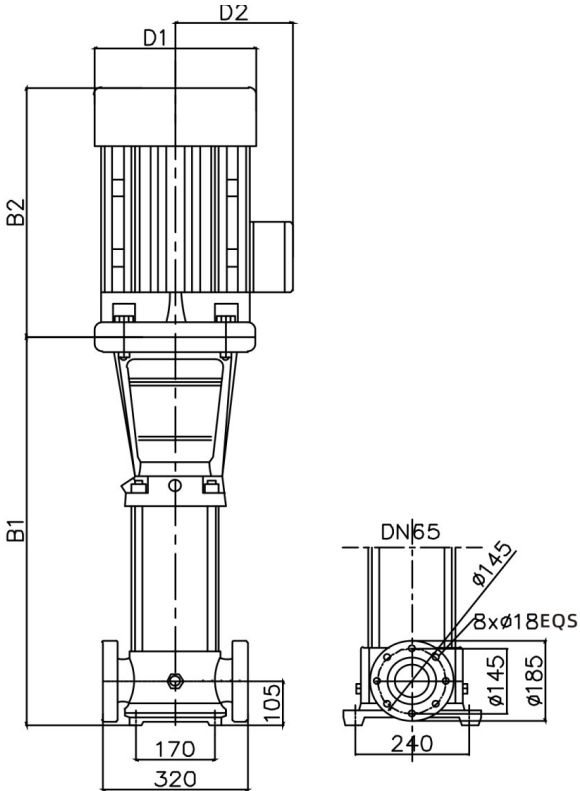
CDLF32

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min · STAGES 1-8



Photo: CDLF 32, 42

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

32 m³/h

RATED FLOW

16-40 m³/h

FLOW RANGE

29 bar

MAX. PRESSURE

1.5-30 kW

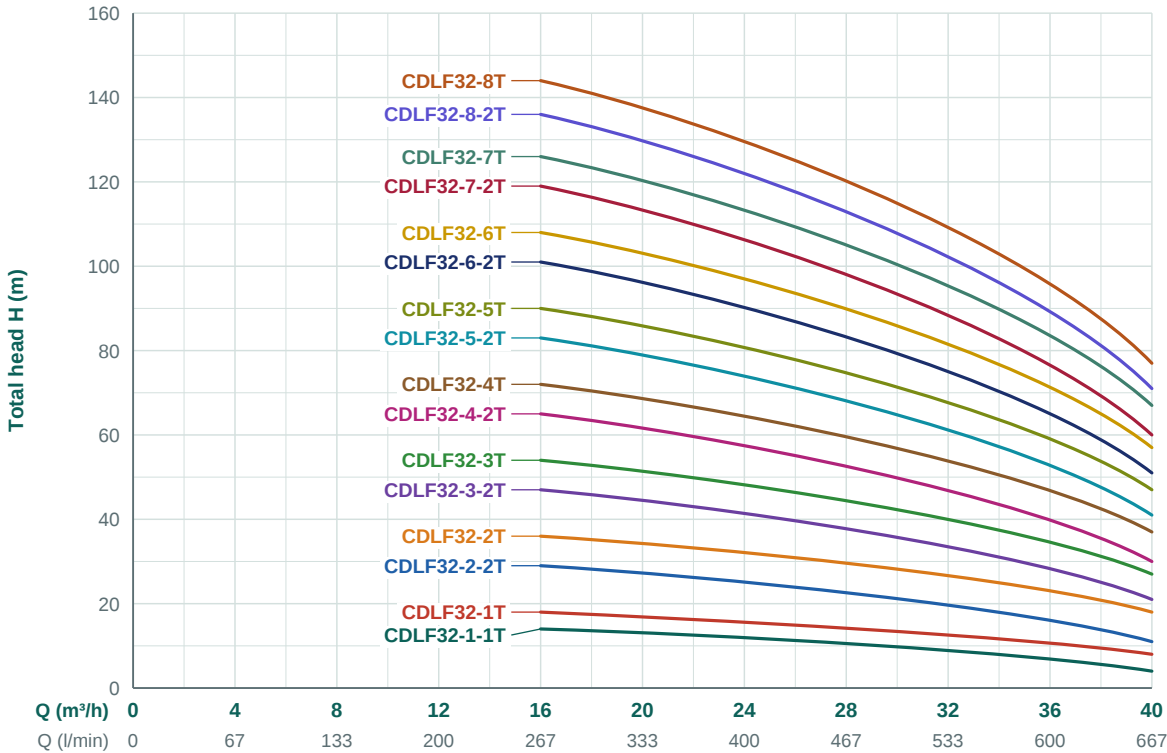
MOTOR POWER

2.5" / 2.5"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF32-1-1T/CDLF32-1T	505	290	795	190	155
CDLF32-2-2T/CDLF32-2T	575	345/355	920/930	190/230	165/180
CDLF32-3-2T/CDLF32-3T	645	390	1035	260	180
CDLF32-4-2T/CDLF32-4T	715	390	1105	330	180
CDLF32-5-2T/CDLF32-5T	890	500	1390	330	255
CDLF32-6-2T/CDLF32-6T	960	500	1460	330	255
CDLF32-7-2T/CDLF32-7T	1030	500	1530	330	255
CDLF32-8-2T/CDLF32-8T	1100	500	1600	330	255

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h l/min	16	20	24	28	32	36	40
3~ 380–415 V / 1~ 220–240 V				kW HP				267	333	400	467	533	600	667
 CDLF32-1-1T CDLFM32-1-1	3~ 1~	1	1.5	2	H (m)	14	13	12	11	9	7	4		
 CDLF32-1T CDLFM32-1	3~ 1~	1	2.2	3		18	17	15	14	13	11	8		
 CDLF32-2-2T CDLFM32-2-2	3~ 1~	2	3	4		29	28	26	23	20	16	11		
 CDLF32-2T	3~	2	4	5.5		36	34	32	29	27	23	18		
 CDLF32-3-2T	3~	3	5.5	7.5		47	44	41	38	33	28	21		
 CDLF32-3T	3~	3	5.5	7.5		54	51	48	44	40	35	27		
 CDLF32-4-2T	3~	4	7.5	10		65	62	58	53	46	40	30		
 CDLF32-4T	3~	4	7.5	10		72	69	65	59	53	47	37		
 CDLF32-5-2T	3~	5	11	15		83	79	74	68	60	52	41		
 CDLF32-5T	3~	5	11	15		90	86	81	74	67	59	47		
 CDLF32-6-2T	3~	6	11	15		101	97	90	83	74	65	51		
 CDLF32-6T	3~	6	11	15		108	104	97	90	81	72	57		
 CDLF32-7-2T	3~	7	15	20		119	114	107	98	88	78	60		
 CDLF32-7T	3~	7	15	20		126	121	113	105	95	85	67		
 CDLF32-8-2T	3~	8	15	20		136	131	123	114	102	90	71		
CDLF32-8T	3~	8	15	20		144	138	130	120	109	97	77		

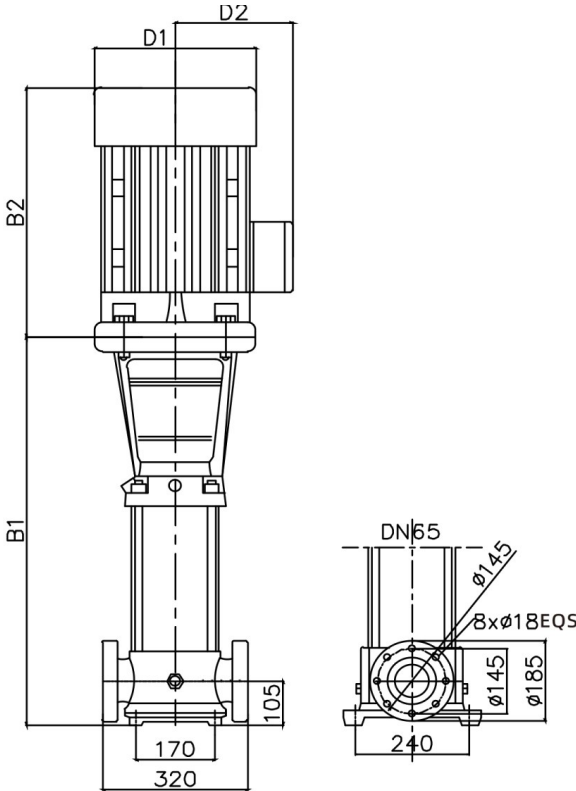
CDLF32

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min · STAGES 9–16



Photo: CDLF 32, 42

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

32 m³/h

RATED FLOW

16–40 m³/h

FLOW RANGE

29 bar

MAX. PRESSURE

1.5–30 kW

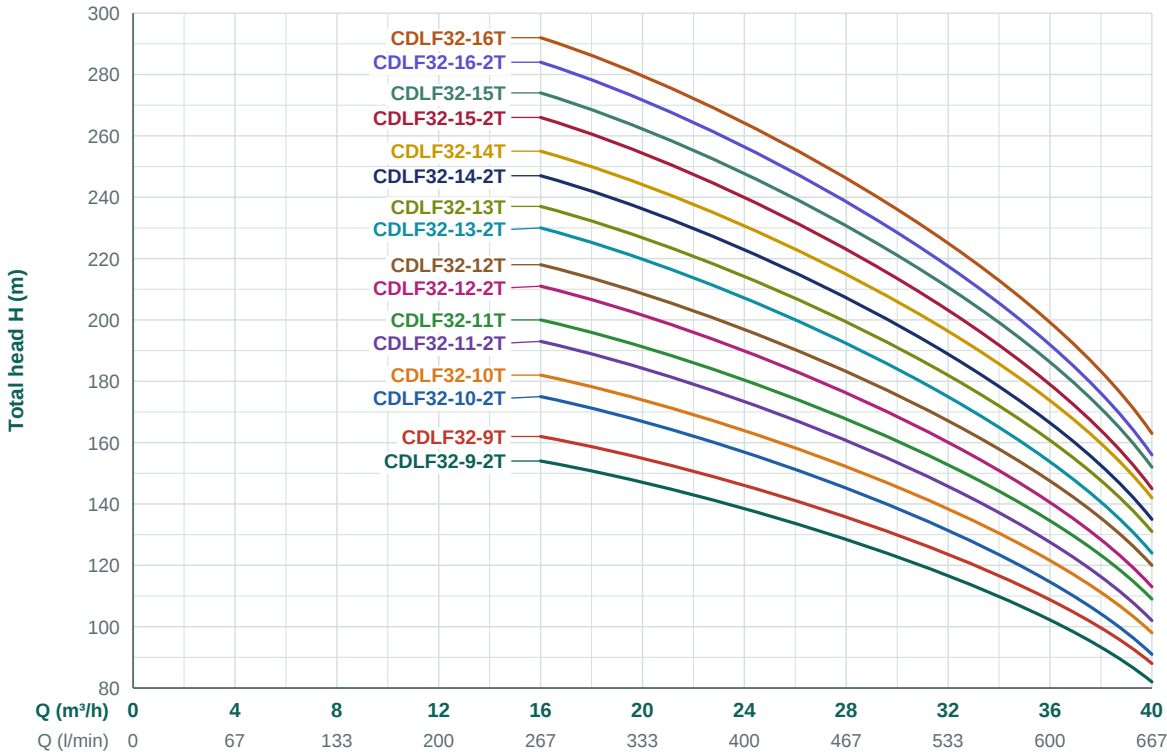
MOTOR POWER

2.5" / 2.5"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF32-9-2T/CDLF32-9T	1170	550	1720	330	255
CDLF32-10-2T/CDLF32-10T	1240	550	1790	330	255
CDLF32-11-2T/CDLF32-11T	1310	575	1885	400	285
CDLF32-12-2T/CDLF32-12T	1380	575	1955	400	285
CDLF32-13-2T/CDLF32-13T	1450	650	2100	450	310
CDLF32-14-2T/CDLF32-14T	1520	650	2170	450	310
CDLF32-15-2T/CDLF32-15T	1590	650	2240	450	310
CDLF32-16-2T/CDLF32-16T	1660	650	2310	450	310

PERFORMANCE DATA

MODEL	STAGES		P ₂		Q	m³/h	16	20	24	28	32	36	40
			kW	HP			267	333	400	467	533	600	667
CDLF32-9-2T	3~	9	18.5	25	H (m)		154	148	140	128	117	102	82
CDLF32-9T	3~	9	18.5	25			162	156	147	136	124	109	88
CDLF32-10-2T	3~	10	18.5	25			175	166	157	146	131	115	91
CDLF32-10T	3~	10	18.5	25			182	173	164	152	138	122	98
CDLF32-11-2T	3~	11	22	30			193	184	173	164	146	128	102
CDLF32-11T	3~	11	22	30			200	191	180	168	153	135	109
CDLF32-12-2T	3~	12	22	30			211	201	189	178	160	140	113
CDLF32-12T	3~	12	22	30			218	208	196	184	167	147	120
CDLF32-13-2T	3~	13	30	40			230	218	206	193	174	153	124
CDLF32-13T	3~	13	30	40			237	225	213	200	181	160	131
CDLF32-14-2T	3~	14	30	40			247	235	222	210	189	165	135
CDLF32-14T	3~	14	30	40			255	242	229	216	196	172	142
CDLF32-15-2T	3~	15	30	40			266	253	239	224	203	178	145
CDLF32-15T	3~	15	30	40			274	260	246	231	210	185	152
CDLF32-16-2T	3~	16	30	40			284	270	255	240	218	190	156
CDLF32-16T	3~	16	30	40			292	277	262	246	225	197	163

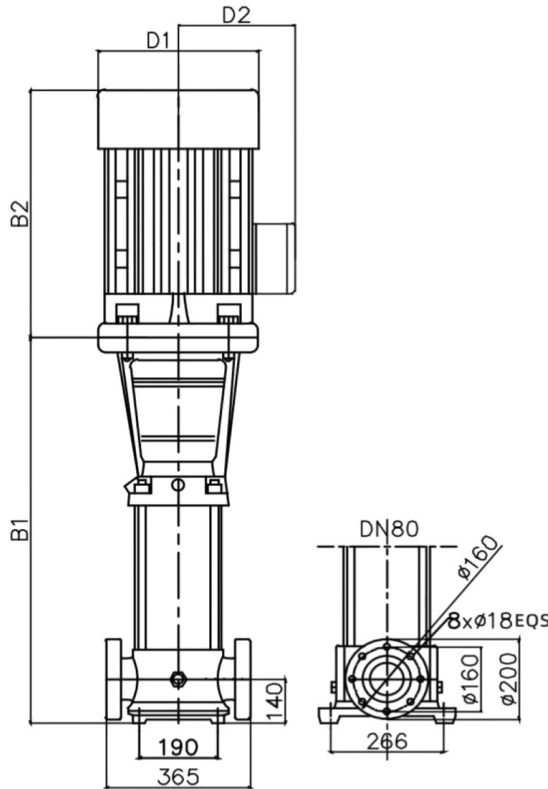
CDLF42

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min · STAGES 1-6



Photo: CDLF 32, 42

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

42 m³/h

RATED FLOW

25-55 m³/h

FLOW RANGE

30 bar

MAX. PRESSURE

3-45 kW

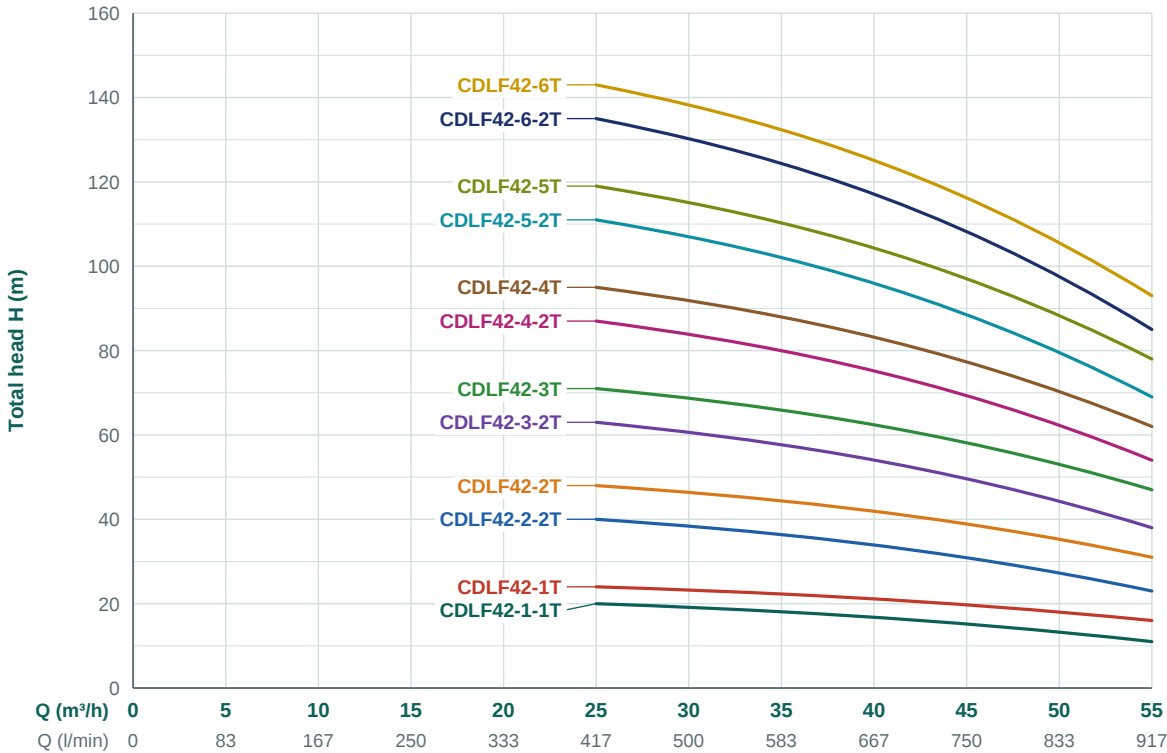
MOTOR POWER

3" / 3"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF42-1-1T/CDLF42-1T	561	345/355	906/916	197/230	165/188
CDLF42-2-2T/CDLF42-2T	641	390	1031	260	208
CDLF42-3-2T/CDLF42-3T	826	500	1326	330	255
CDLF42-4-2T/CDLF42-4T	906	500	1406	330	255
CDLF42-5-2T/CDLF42-5T	986	550	1536	330	255
CDLF42-6-2T/CDLF42-6T	1066	575	1641	360	285

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h l/min	25	30	35	40	42	45	50	55
3~ 380–415 V / 1~ 220–240 V				kW	HP			417	500	583	667	700	750	833	917
 CDLF42-1-1T	CDLFM42-1-1	3~ 1~	1	3	4	H (m)	20	19	18	17	16	15	13	11	
 CDLF42-1T		3~	1	4	5.5		24	23	22	21	20	19	18	16	
 CDLF42-2-2T		3~	2	5.5	7.5		40	38	36	33	32	30	27	23	
 CDLF42-2T		3~	2	7.5	10		48	46	44	42	41	39	35	31	
 CDLF42-3-2T		3~	3	11	15		63	61	58	54	52	50	44	38	
 CDLF42-3T		3~	3	11	15		71	69	66	63	61	58	53	47	
 CDLF42-4-2T		3~	4	15	20		87	84	80	75	73	69	62	54	
 CDLF42-4T		3~	4	15	20		95	92	88	84	81	78	71	62	
 CDLF42-5-2T		3~	5	18.5	25		111	107	102	96	93	88	80	69	
 CDLF42-5T		3~	5	18.5	25		119	115	110	105	101	97	88	78	
 CDLF42-6-2T		3~	6	22	30		135	130	124	117	113	108	97	85	
 CDLF42-6T		3~	6	22	30		143	138	132	125	122	116	106	93	

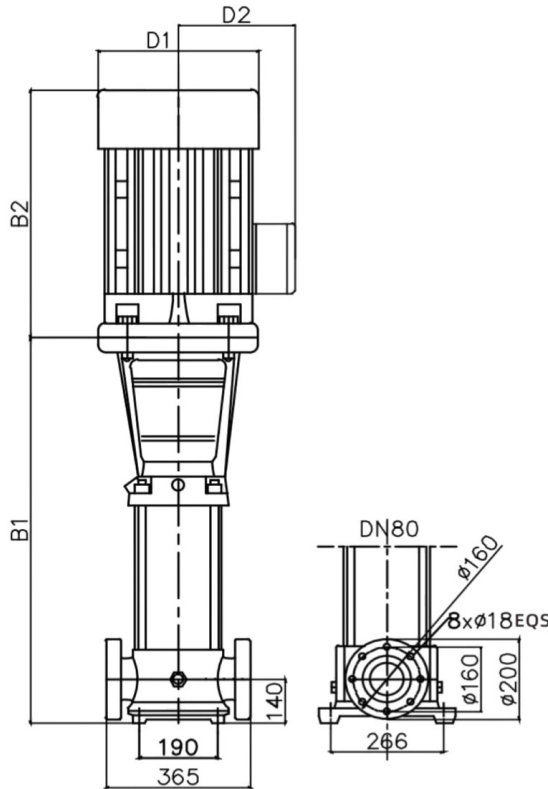
CDLF42

CDLF SERIES · LIGHT STAINLESS STEEL VERTICAL MULTI-STAGE CENTRIFUGAL PUMP · 50 Hz · n ≈ 2900 /min · STAGES 7-13



Photo: CDLF 32, 42

INSTALLATION SKETCH



The overall dimensions with a single-phase or explosion-proof motor differ slightly.

42 m³/h

RATED FLOW

25-55 m³/h

FLOW RANGE

30 bar

MAX. PRESSURE

3-45 kW

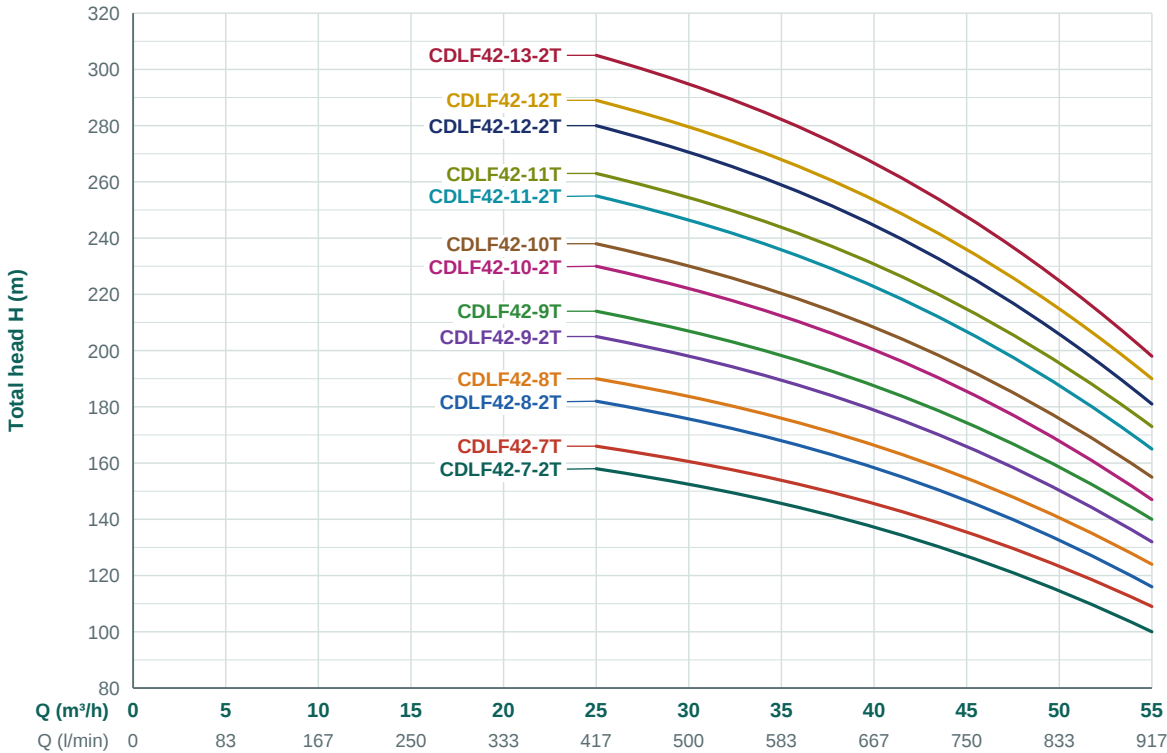
MOTOR POWER

3" / 3"

INLET / OUTLET

n ≈ 2900 /min

SPEED



DIMENSIONS

MODEL	SIZE (mm)				
	B1	B2	B1+B2	D1	D2
CDLF42-7-2T/CDLF42-7T	1146	650	1796	400	310
CDLF42-8-2T/CDLF42-8T	1226	650	1876	400	310
CDLF42-9-2T/CDLF42-9T	1306	650	1956	400	310
CDLF42-10-2T/CDLF42-10T	1386	650	2036	400	310
CDLF42-11-2T/CDLF42-11T	1466	685	2151	450	345
CDLF42-12-2T/CDLF42-12T	1546	685	2231	450	345
CDLF42-13-2T	1626	685	2311	450	345

PERFORMANCE DATA

MODEL		STAGES		P ₂		Q	m³/h l/min	H (m)							
3~ 380–415 V / 1~ 220–240 V				kW	HP			25	30	35	40	42	45	50	55
								417	500	583	667	700	750	833	917
 CDLF42-7-2T	3~	7	30	40	H (m)	158	152	146	138	134	127	115	100		
 CDLF42-7T	3~	7	30	40		166	161	154	146	142	135	124	109		
 CDLF42-8-2T	3~	8	30	40		182	175	168	159	154	146	133	116		
 CDLF42-8T	3~	8	30	40		190	184	176	167	162	154	141	124		
 CDLF42-9-2T	3~	9	30	40		205	198	190	180	174	166	150	132		
 CDLF42-9T	3~	9	37	50		214	207	198	188	183	174	159	140		
 CDLF42-10-2T	3~	10	37	50		230	221	212	200	194	185	168	147		
 CDLF42-10T	3~	10	37	50		238	230	220	209	203	193	177	155		
 CDLF42-11-2T	3~	11	45	60		255	246	236	223	217	206	188	165		
 CDLF42-11T	3~	11	45	60		263	255	244	232	225	214	196	173		
 CDLF42-12-2T	3~	12	45	60		280	270	259	245	238	226	206	181		
 CDLF42-12T	3~	12	45	60		289	280	268	255	247	236	216	190		
 CDLF42-13-2T	3~	13	45	60		305	294	282	267	259	247	225	198		