



GDLF 立式多级不锈钢管道泵

MULTISTAGE INLINE PUMP TYPE

用途

水供应系统, 压力锅炉供水, 高纯度净水系统, 医药、食品, 精细化工, 冲洗、喷洒。

APPLICATIONS

Water supply systems, Pressure boiler feeding, Pure water treating systems, Pharmaceutical & food stuff, Refining chemical industries, Washing and sprinkling.

工作条件

适用于对SUS304或SUS316L不锈钢不产生明显腐蚀作用的非易燃易爆的洁净液体
介质温度：-15℃—+110℃
环境最高温度：+40℃
水平吸入，水平排出

WORKING CONDITIONS

Suitable for transporting clean, thin and non-explosive liquids which are non-aggressive to SUS304 or SUS316L stainless steel.
Liquid temperature: -15℃~+110℃
Maximum Ambient temperature: +40℃
Radial suction, radial discharge.

材质

泵壳、叶轮、后盖、泵轴及导流部件：SUS304或SUS316L
电机壳：铝合金≥11KW电机为铸铁
标准机械密封：氟橡胶/碳化钨/石墨
(根据需要, 可提供特殊密封材料)

MATERIALS

Casing, impeller, back-cover, pump shaft and guide plate: SUS304 or SUS316L stainless steel.
Motor case: Motor with power in 11kW or bigger are in cast iron, others are in aluminum
Standard mechanical seal: Viton/TC/carbon
(Special materials are available upon request.)

电机

全闭式扇冷电机, 连续负载, F级, IP55
三相型: 380V.50Hz, 转速: 2900/分钟

MOTOR

T.E.F.C, continuous duty insulation class: F
Protection class: IP55
Three phase: 380V.50Hz, Speed: 2900rpm

型号意义说明

40 GDLF 8 - 18
泵进出水口径
立式多级不锈钢管道泵
泵设计流量8m³/h
一级设计点扬程18m
选型范围: 流量Q=(0.7-1.2)倍泵设计流量

SYMBOLS

40 GDLF 8 - 18
Pump out of the water - caliber
Vertical multistage stainless steel
pipeline pump
Pump design flow 8m³/h
A design point lift 18m

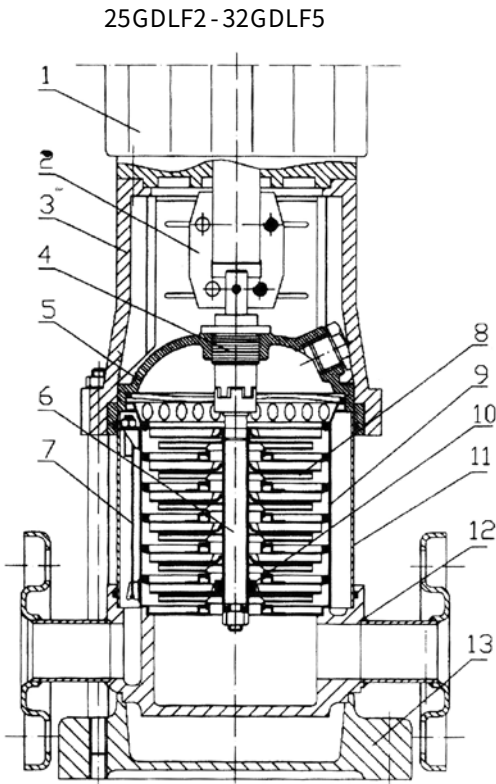
性能曲线及性能表说明

性能采用标准二级、50Hz电机, 在2900rpm测得。
测试水温20℃, 性能测试依据为ISO2548C级标准和GB/T3216-2005 2级标准。
泵的使用参照性能表范围, 以防止电机过载, 造成危险。

PERFORMANCE SPECIFICATIONS

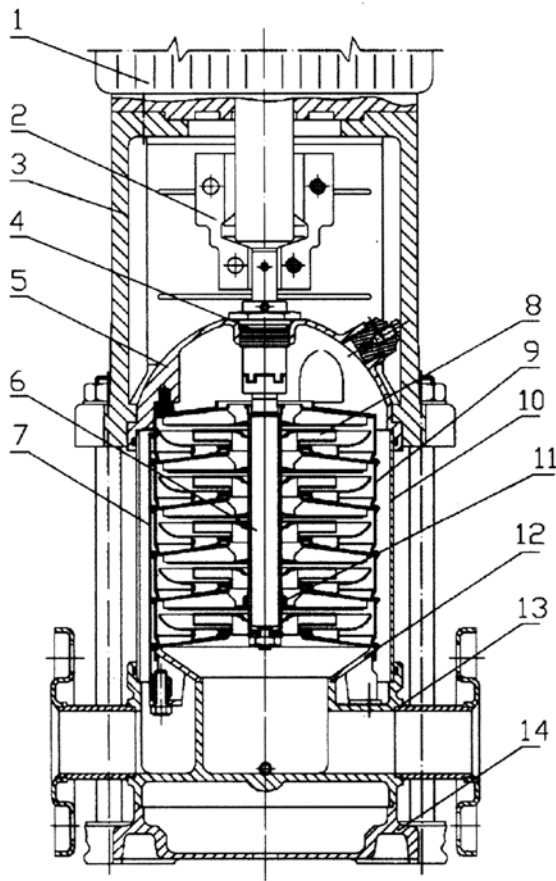
The performance is obtained using 2 pole. 50Hz, standard motor at 2900 rpm.
Water test temperature 20℃, Performance limits ISO2548 Specification for standard class C pumps & GB3216-2005 specification for standard class 2 pump.
To avoid overload and danger the pump should be operated within the performance ranges.

结构图



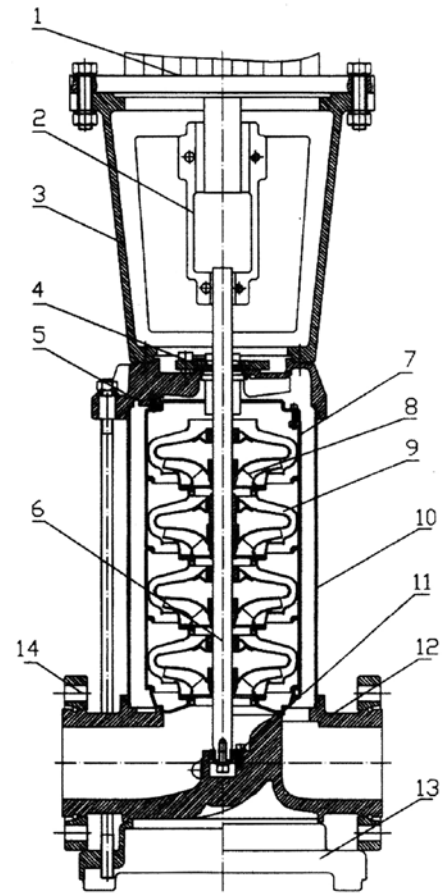
序号 Number	名称 Description	材料 Material
1	电机 Motor	
2	联轴器 Coupling	铸钢Cast Steel
3	连接盘 Bracket	铸铁Cast Iron
4	机械密封 Mechanical Seal	石墨/碳化钨/氟胶 Carbon/TC/Viton
5	后盖 Back Cover	SUS304
6	泵轴 Pump Shaft	SUS304
7	拉紧带 Tension Bar	SUS304
8	叶轮 Impeller	SUS304
9	导流部件 Diffuser Assembly	SUS304
10	滑动轴承 Plain bearing	碳化硅/碳化钨 SiC/TC
11	外筒 Outer Barrel	SUS304
12	底筒 Bottom Cover	SUS304
13	底座 Base Plate	HT200

40GDLF8 - 50GDLF20



序号 Number	名称 Description	材料 Material
1	电机 Motor	
2	联轴器 Coupling	铸钢 Cast Steel
3	连接盘 Bracket	铸铁 Cast Iron
4	机械密封 Mechanical Seal	石墨/碳化钨/氟胶 Carbon/TC/Viton
5	后盖 Back Cover	SUS304
6	泵轴 Pump Shaft	SUS304
7	拉紧带 Tension Bar	SUS304
8	叶轮 Impeller	SUS304
9	导流部件 Diffuser Assembly	SUS304
10	外筒 Outer Barrel	SUS304
11	滑动轴承 Plain bearing	碳化硅/碳化钨 Sic/TC
12	定位连接件 Plain bearing	SUS304
13	底筒 Bottom Cover	SUS304
14	底座 Base Plate	HT200

65GDLF32 - 100GDLF90



序号 Number	名称 Description	材料 Material
1	电机 Motor	
2	联轴器 Coupling	铸钢 Cast Steel
3	连接盘 Bracket	铸铁 Cast Iron
4	机械密封 Mechanical Seal	石墨/碳化钨/氟胶 Carbon/TC/Viton
5	后盖 Back Cover	SUS304
6	泵轴 Pump Shaft	SUS304
7	拉紧带 Tension Bar	SUS304
8	叶轮 Impeller	SUS304
9	导流部件 Diffuser Assembly	SUS304
10	外筒 Outer Barrel	SUS304
11	滑动轴承 Plain bearing	碳化硅/碳化钨 Sic/TC
12	底筒 Bottom Cover	SUS304
13	底座 Base Plate	HT200
14	法兰 Flange	铸钢45# Cast Steel 45#

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
32GDLF3-9.5	277	217	494	140	104	26
32GDLF3-14	295	217	512	140	104	26
32GDLF3-18.5	313	217	530	140	104	26
32GDLF3-23	331	217	548	140	104	26
32GDLF3-28	349	217	566	140	104	29
32GDLF3-33	367	217	584	140	104	29
32GDLF3-38	385	267	652	159	113	32
32GDLF3-43	403	267	670	159	113	32
32GDLF3-47	421	267	688	159	113	32
32GDLF3-52	439	267	706	159	113	34
32GDLF3-57	457	267	724	159	113	34
32GDLF3-62	475	267	742	159	113	36
32GDLF3-71	511	267	778	159	113	36
32GDLF3-81	547	281	828	177	122	39
32GDLF3-90	583	281	864	177	122	39
32GDLF3-100	619	281	900	177	122	42
32GDLF3-110	665	281	946	177	122	42
32GDLF3-120	719	281	1000	177	122	42
32GDLF3-129	737	281	1018	177	122	42

[illegible]

卡套式联接 Bayonet lock	DN32
法兰联接 Flange	DN25
外螺纹联接 Male threads	ZG1 $\frac{1}{2}$

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
32GDLF4-15	295	217	512	140	104	26
32GDLF4-24	322	217	539	140	104	30
32GDLF4-32	349	267	616	159	113	30
32GDLF4-40	376	267	643	159	113	33
32GDLF4-48	403	267	670	159	113	33
32GDLF4-56	430	281	711	177	122	33.5
32GDLF4-64	457	281	738	177	122	33.5
32GDLF4-80	511	281	792	177	122	38
32GDLF4-96	565	281	846	177	122	38
32GDLF4-104	592	281	873	177	122	38
32GDLF4-112	619	281	900	177	122	38
32GDLF4-120	656	328	984	197	128	46.5
32GDLF4-128	683	328	1011	197	128	46.5
32GDLF4-136	710	307	1017	216	152	53
32GDLF4-144	737	307	1044	216	152	53
32GDLF4-152	764	307	1071	216	152	53
32GDLF4-160	791	307	1098	216	152	53
32GDLF4-168	818	307	1125	216	152	53
32GDLF4-176	845	307	1152	216	152	53
32GDLF4-210	1059	382	1441	256	168	60.5

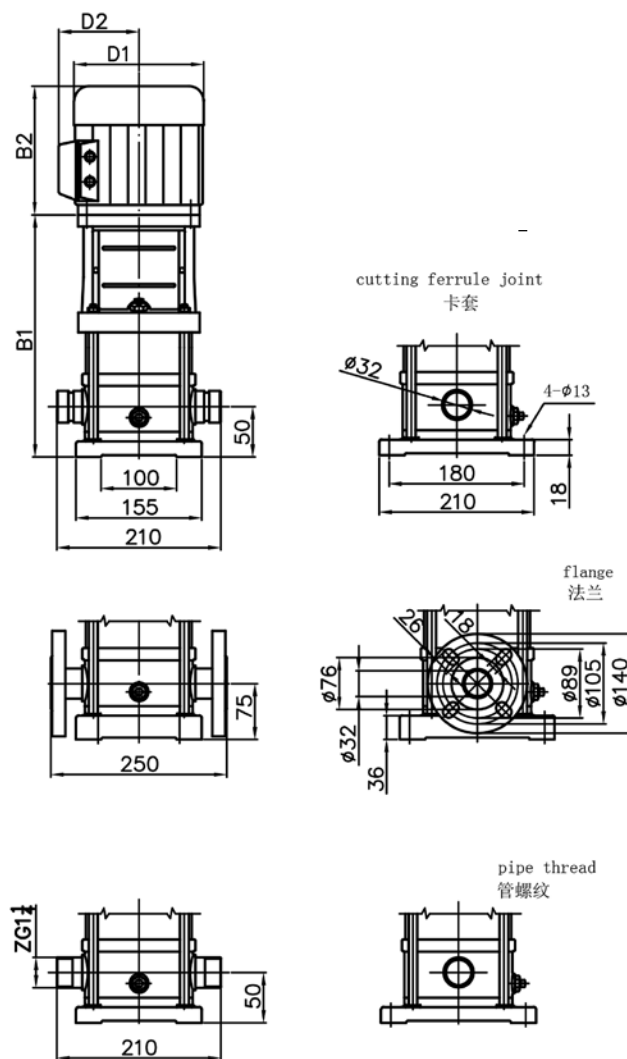
2900rpm

32GDLF4

Graph 1: Head H (m) vs. Flow Rate Q (m³/h and l/min). The graph shows multiple curves for different flow rates, ranging from 15 to 210 l/min. The head decreases as flow rate increases.

Graph 2: Efficiency η and Power P_2 (kW) vs. Flow Rate Q (m³/h and l/min). The graph shows two curves: η (efficiency) and P_2 (power). Efficiency increases with flow rate, while power remains relatively constant.

Graph 3: Head H (m) vs. Flow Rate Q (m³/h and l/min). The graph shows two curves: Q_H (head) and $NPSH$ (net positive suction head). The Q_H curve decreases with flow rate, while the $NPSH$ curve increases with flow rate.

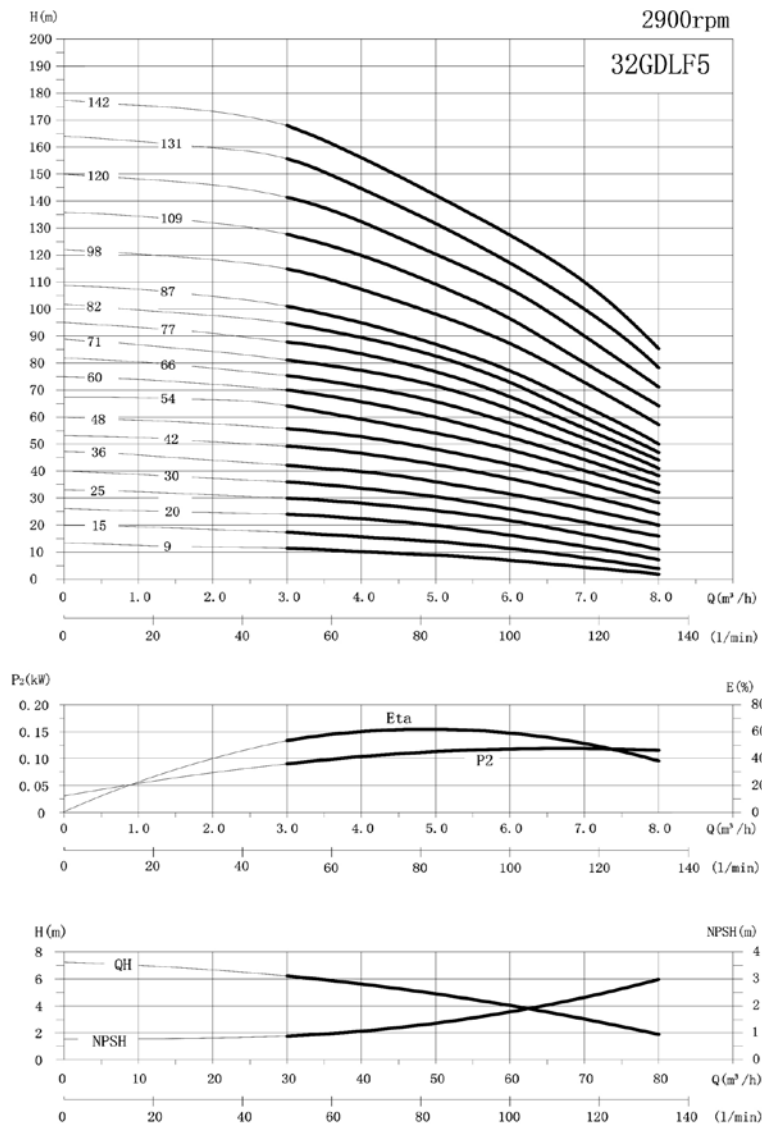


卡套式联接 Bayonet lock	DN32
法兰联接 Flange	DN32
外螺纹联接 Male threads	ZG1 $\frac{1}{2}$

32GDLF5性能表 PERFORMANCE DATA

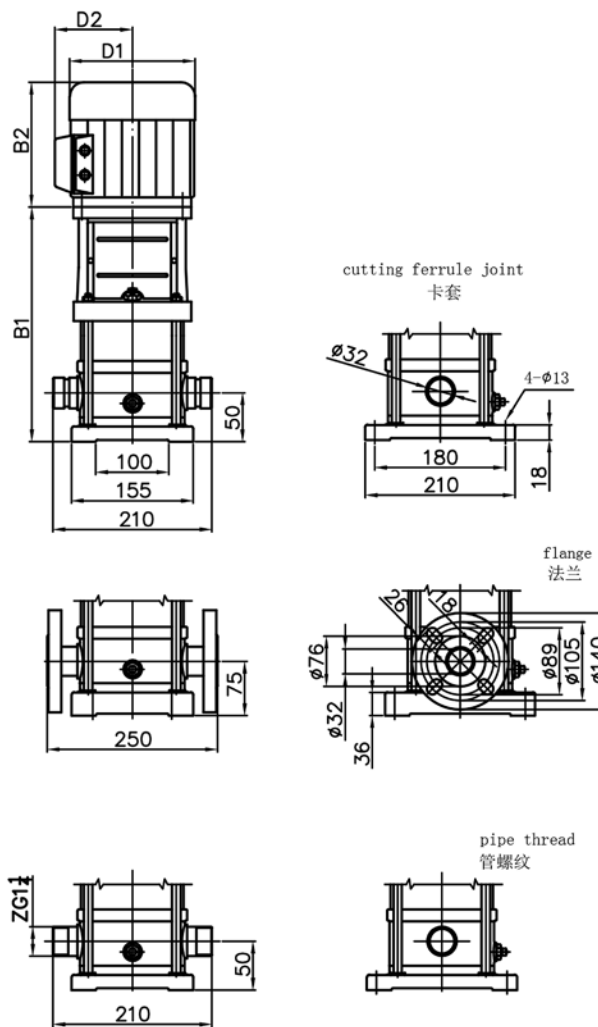
型号 Model	功率 Power		流量 Capacity						
	kW	HP	m³/h	3	4	5	6	7	8
			L/min	50	66.7	83.3	100	116.7	133.3
三相 Three phase 380V 50Hz			扬程 Head(m)						
32GDLF5-9	0.37	0.5		11	10	9	7	4	2
32GDLF5-15	0.55	0.75		17	16	15	11	8	4
32GDLF5-20	0.55	0.75		24	22	20	16	12	7
32GDLF5-25	0.75	1.0		30	28	25	21	16	11
32GDLF5-30.5	1.1	1.5		36	34	30.5	26	21	16
32GDLF5-36	1.1	1.5		42	40	36	31	26	20
32GDLF5-42	1.1	1.5		49	47	42	37	31	24
32GDLF5-48	1.5	2.0		56	53	48	42	36	28
32GDLF5-54	1.5	2.0		64	59	54	48	40	32
32GDLF5-60	2.2	3.0		70	65	60	53	44	35
32GDLF5-66	2.2	3.0		75	71	66	58	48	38
32GDLF5-71.5	2.2	3.0		81	77	71.5	63	52	41
32GDLF5-77	2.2	3.0		88	83	77	68	56	44
32GDLF5-82	2.2	3.0		95	89	82	73	60	47
32GDLF5-87	2.2	3.0		101	95	87	78	64	50
32GDLF5-98	3.0	4.0		115	107	98	88	72	57
32GDLF5-109	3.0	4.0		128	120	109	98	80	64
32GDLF5-120	4.0	5.5		141	132	120	108	90	71
32GDLF5-131	4.0	5.5		155	144	131	118	100	78
32GDLF5-142	4.0	5.5		168	156	142	128	110	85

性能曲线 CURVES



外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
32GDLF5-9	295	217	512	140	104	23
32GDLF5-15	322	217	539	140	104	26
32GDLF5-20	349	217	566	140	104	26
32GDLF5-25	376	267	643	159	113	30
32GDLF5-30.5	403	267	670	159	113	33
32GDLF5-36	430	267	697	159	113	33
32GDLF5-42	457	267	724	159	113	33
32GDLF5-48	484	281	765	177	122	33.5
32GDLF5-54	511	281	792	177	122	33.5
32GDLF5-60	538	281	819	177	122	38
32GDLF5-66	565	281	846	177	122	38
32GDLF5-71.5	592	281	873	177	122	38
32GDLF5-77	619	281	900	177	122	38
32GDLF5-82	646	281	927	177	122	38
32GDLF5-87	673	281	954	177	122	38
32GDLF5-98	737	328	1065	197	128	46.5
32GDLF5-109	791	328	1119	197	128	46.5
32GDLF5-120	845	307	1152	216	152	53
32GDLF5-131	899	307	1206	216	152	53
32GDLF5-142	953	307	1260	216	152	53



管路联接 CONNECTIONS

卡套式联接	Bayonet lock	DN32
法兰联接	Flange	DN32
外螺纹联接	Male threads	ZG1½

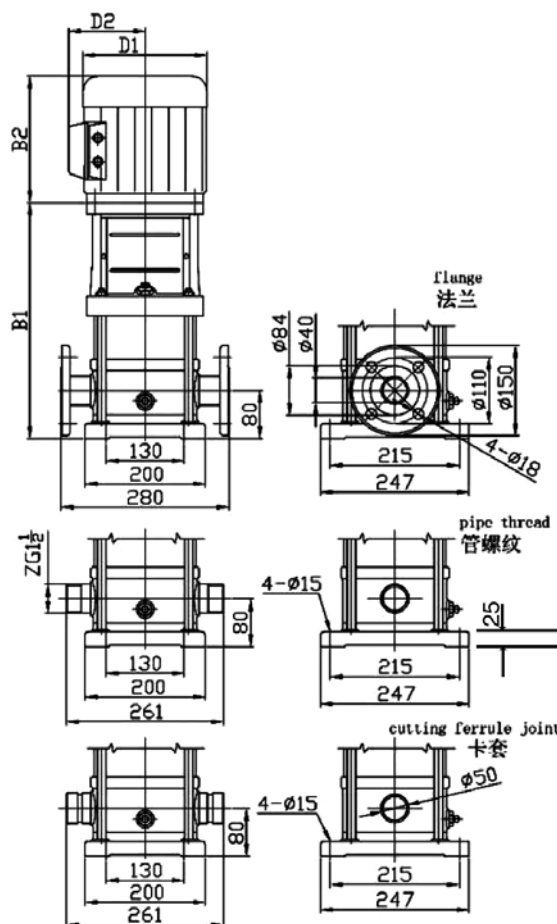
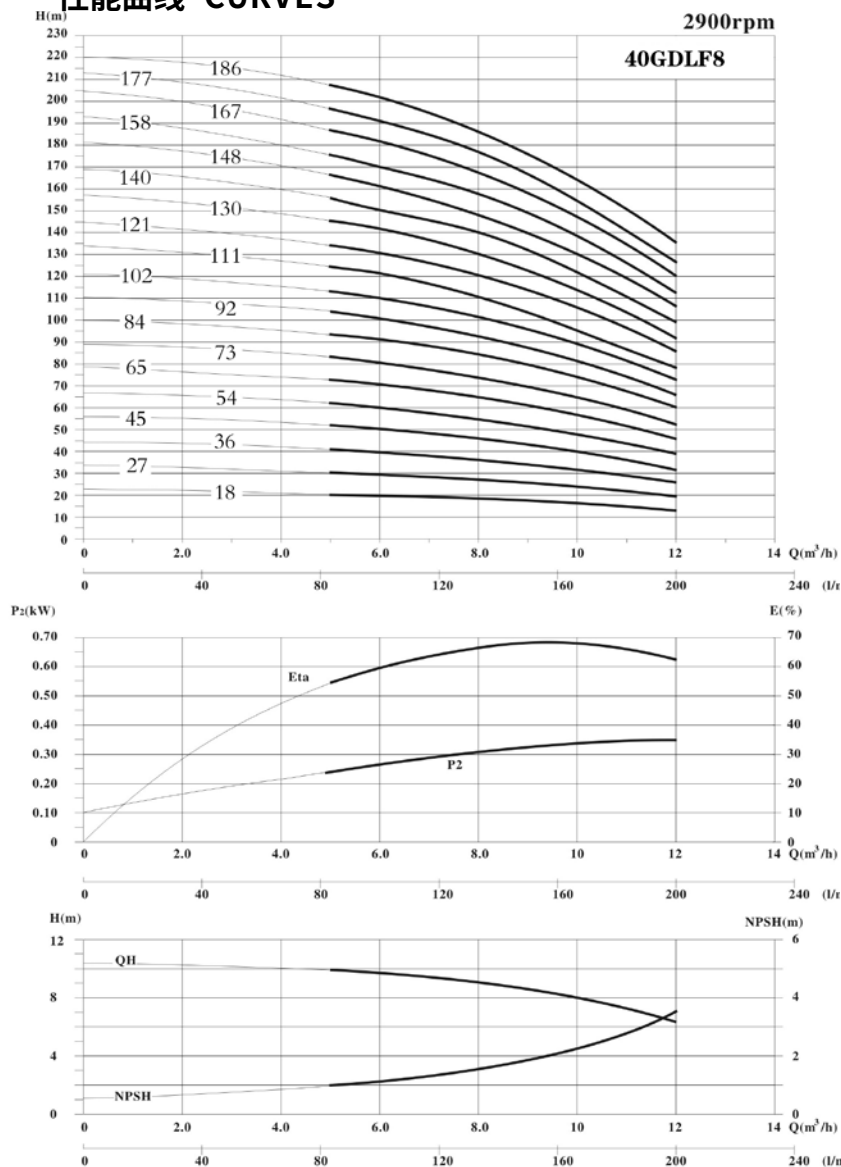
40GDLF8性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity									
	kW	HP	m³/h	5.0	6.0	7.0	8.0	9.0	10	11	12	
三相 Three phase 380V 50Hz			L/min	83	100	117	133	150	167	183	200	
			扬程 Head(m)									
40GDLF8-18	0.75	1.0		20	19.5	19	18	17	16	14	13	
40GDLF8-27	1.1	1.5		30	29.5	28.5	27	25	24	21	19	
40GDLF8-36	1.5	2.0		41	39.5	38	36	34	32	28	26	
40GDLF8-45	2.2	3.0		52	50	48	45	42	40	36	32	
40GDLF8-54	2.2	3.0		62	60	57	54	51	48	43	39	
40GDLF8-65	3.0	4.0		72	70	68	65	61	57	51	46	
40GDLF8-73	3.0	4.0		83	80	77	73	69	65	58	52	
40GDLF8-84	3.0	4.0		93	90.5	87	84	78	73	66	59.5	
40GDLF8-92	4.0	5.5		104	100	97	92	87	81	73	65	
40GDLF8-102	4.0	5.5		113	110	107	102	96	89	80	73	
40GDLF8-111	4.0	5.5		124	120	116	111	104	98	87	78	
40GDLF8-121	5.5	7.5		134	130.5	126	121	113	105	95	86	
40GDLF8-130	5.5	7.5		145	141	136	130	122	113	102	92	
40GDLF8-140	5.5	7.5		154.5	150	145.5	140	131	121.5	110	99	
40GDLF8-148	5.5	7.5		166	161	156	148	139	130	118	106	
40GDLF8-158	7.5	10		175	170	165	158	148	138	124	112	
40GDLF8-167	7.5	10		187	182	175	167	157	146	134	120	
40GDLF8-177	7.5	10		196	191	184	177	165	154	139	126	
40GDLF8-186	7.5	10		208	202	195	186	175	163	150	135	

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
40GDLF8-18	366	267	633	159	113	35
40GDLF8-27	397	267	664	159	113	38.5
40GDLF8-36	431	281	712	177	122	46.5
40GDLF8-45	461	281	742	177	122	50
40GDLF8-54	491	281	772	177	122	50
40GDLF8-65	531	328	859	197	128	59
40GDLF8-73	562	328	890	197	128	59
40GDLF8-84	592	328	920	197	128	59
40GDLF8-92	622	307	929	216	152	69
40GDLF8-102	652	307	959	216	152	69
40GDLF8-111	682	307	989	216	152	69
40GDLF8-121	738	382	1120	256	169	95
40GDLF8-130	768	382	1150	256	169	95
40GDLF8-140	798	382	1180	256	169	95
40GDLF8-148	828	382	1210	256	169	95
40GDLF8-158	858	382	1240	256	169	110
40GDLF8-167	889	382	1271	256	169	110
40GDLF8-177	919	382	1301	256	169	110
40GDLF8-186	949	382	1331	256	169	110

性能曲线 CURVES



管路联接 CONNECTIONS

卡套式联接	Bayonet lock	DN50
法兰联接	Flange	DN40
外螺纹联接	Male threads	ZG1½

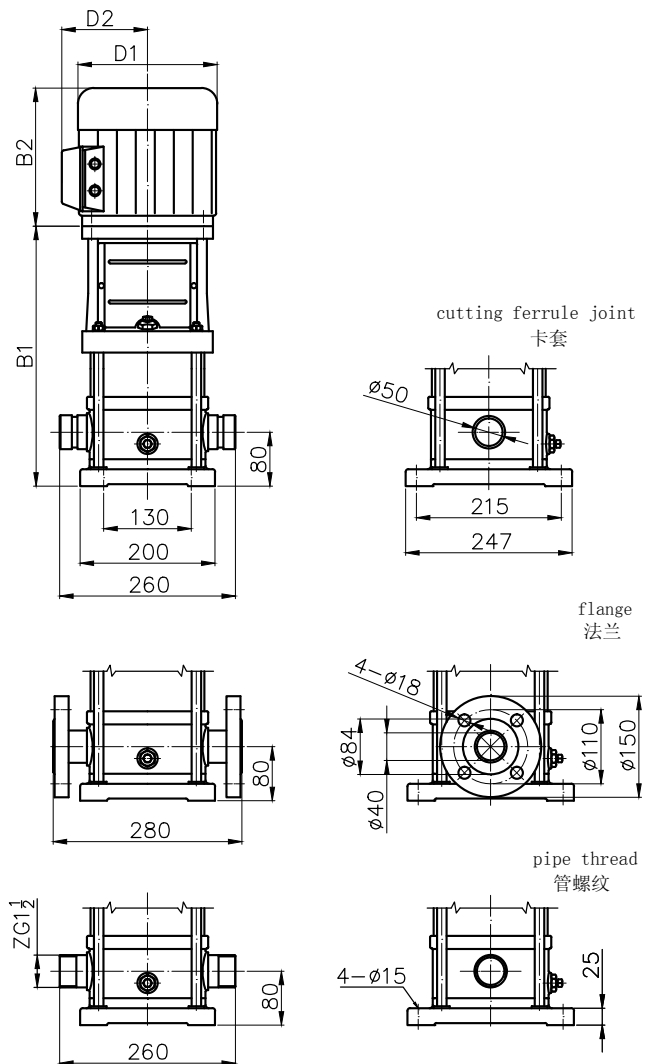
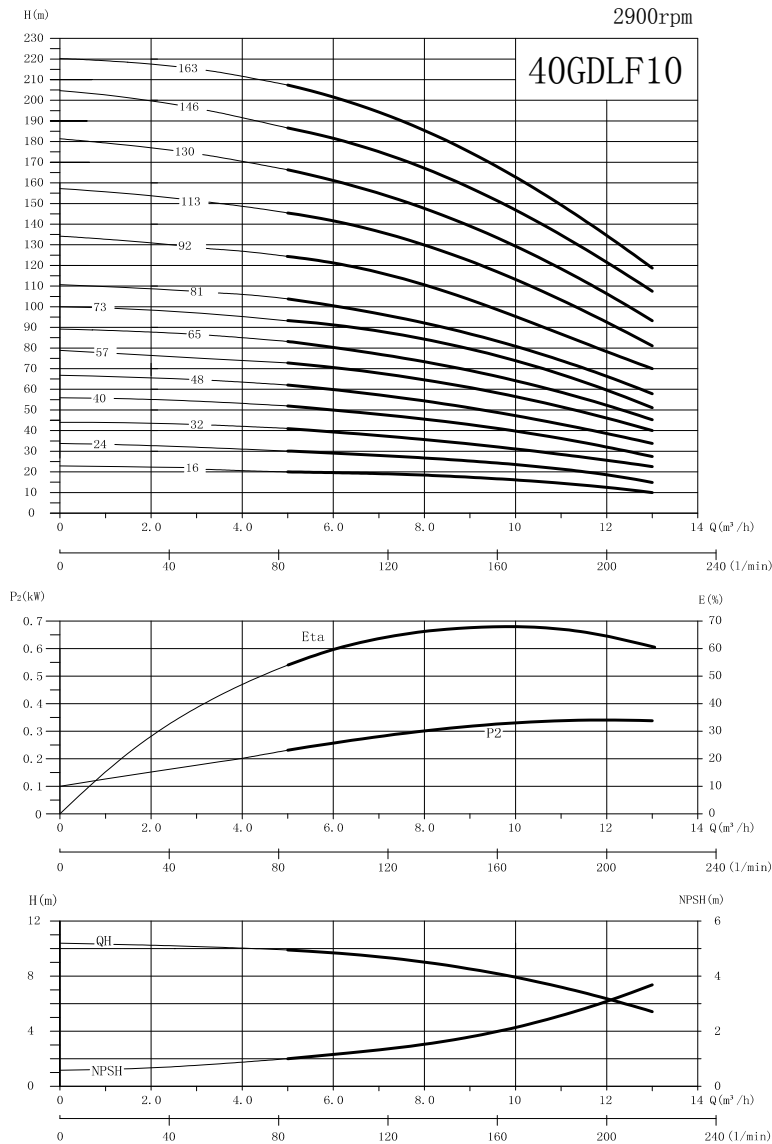
40GDLF10性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity									
	kW	HP	m³/h L/min	5.0 83	6.0 100	7.0 117	8.0 133	9.0 150	10 167	11 183	12 200	13 217
三相 Three phase 380V 50Hz				扬程 Head(m)								
40GDLF10-16	0.75	1.0		20	19.5	19	18	17	16	14	13	10
40GDLF10-24	1.1	1.5		30	29.5	28.5	27	25	24	21	19	15
40GDLF10-32	1.5	2.0		41	39.5	38	36	34	32	28	26	22
40GDLF10-40	2.2	3.0		52	50	48	45	42	40	36	32	28
40GDLF10-48	2.2	3.0		62	60	57	54	51	48	43	39	34
40GDLF10-57	3.0	4.0		72	70	68	65	61	57	51	46	40
40GDLF10-65	3.0	4.0		83	80	77	73	69	65	58	52	45
40GDLF10-73	3.0	4.0		93	90.5	87	84	78	73	66	60	51
40GDLF10-81	4.0	5.5		104	100	97	92	87	81	73	65	58
40GDLF10-92	4.0	5.5		124	120	116	111	104	92	87	78	70
40GDLF10-113	5.5	7.5		145	141	136	130	122	113	102	92	81
40GDLF10-130	5.5	7.5		166	161	156	148	139	130	118	103	93
40GDLF10-146	7.5	10		187	182	175	167	157	146	134	120	108
40GDLF10-163	7.5	10		208	202	195	186	175	163	150	135	119

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
40GDLF10-16	366	267	633	159	113	38
40GDLF10-24	397	267	664	159	113	38.5
40GDLF10-32	431	281	712	177	122	46.5
40GDLF10-40	461	281	742	177	122	50
40GDLF10-48	491	281	772	177	122	50
40GDLF10-57	531	328	859	197	128	59
40GDLF10-65	562	328	890	197	128	59
40GDLF10-73	592	328	920	197	128	59
40GDLF10-81	622	307	929	216	152	69
40GDLF10-92	682	307	989	216	152	69
40GDLF10-113	768	382	1150	256	169	95
40GDLF10-130	828	382	1210	256	169	95
40GDLF10-146	889	382	1271	256	169	110
40GDLF10-163	949	382	1331	256	169	110

性能曲线 CURVES



管路联接 CONNECTIONS

卡套式联接	Bayonet lock	DN50
法兰联接	Flange	DN40
外螺纹联接	Male threads	ZG1½

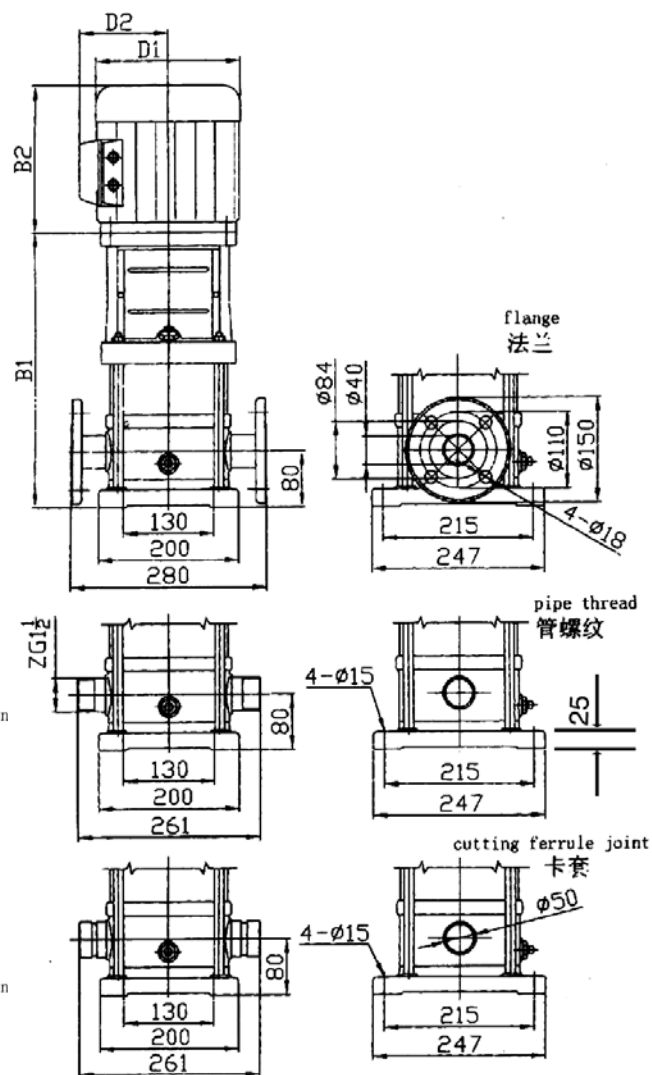
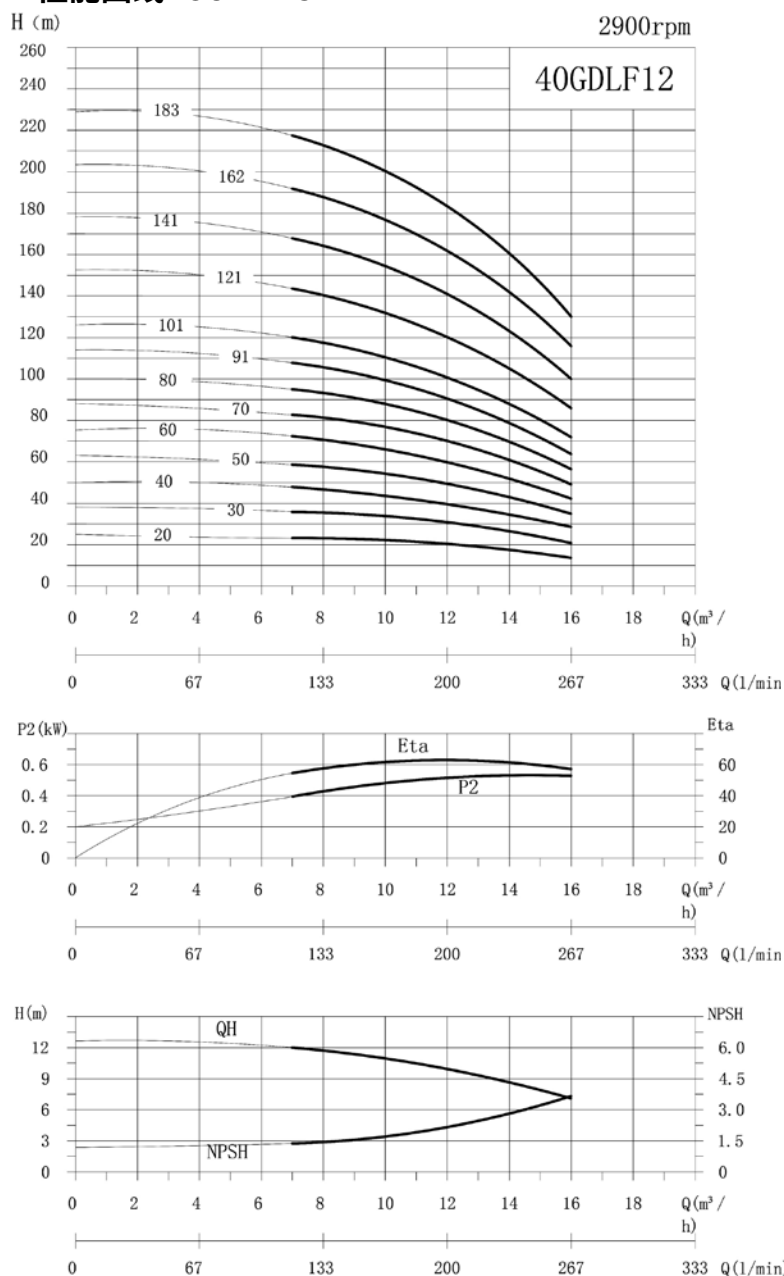
40GDLF12性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity													
	kW	HP	m³/h L/min	7	8	9	10	11	12	13	14	15	16	17	18	19
三相 Three phase 380V 50Hz				117	133	150	167	183	200	217	233	250	267	283	300	317
				扬程 Head(m)												
40GDLF12-20	1.5	2.0		23.5	23	22.5	22	21	20	18.5	17	15.5	14			
40GDLF12-30	2.2	3.0		35.5	35	34	33	31.5	30	28	26	23.5	21			
40GDLF12-40	3.0	4.0		47	46	45	44	42	40	37	34	31	28			
40GDLF12-50	3.0	4.0		59.5	58	56.5	55	52.5	50	46.5	43	39	35			
40GDLF12-60	4.0	5.5		71.5	70	68	66	63	60	56	52	47	42			
40GDLF12-70	5.5	7.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49			
40GDLF12-80	5.5	7.5		95.5	94	91	88	84	80	75	70	63	56			
40GDLF12-91	5.5	7.5		108	106	103	100	95.5	91	85	79	71.5	64			
40GDLF12-101	7.5	10		120	118	114.5	111	106	101	94.5	88	80	72			
40GDLF12-120	7.5	10		143.5	141	137	133	127	121	113.5	106	96	86			
40GDLF12-140	11	12.5		168	165	160	155	148	141	132.5	124	112	100			
40GDLF12-162	11	15		192.5	189	183.5	178	170	162	152	142	128	115			
40GDLF12-183	11	15		217	213	207	202	193	183	171	160	145	130			

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
40GDLF12-20	366	281	647	177	122	42
40GDLF12-30	397	281	678	177	122	46
40GDLF12-40	431	328	759	197	128	54
40GDLF12-50	461	328	789	197	128	54
40GDLF12-60	491	307	798	216	152	61
40GDLF12-70	531	382	913	256	169	81
40GDLF12-80	562	382	944	256	169	81
40GDLF12-91	592	382	974	256	169	81
40GDLF12-101	622	382	1004	256	169	102
40GDLF12-120	682	382	1064	256	169	102
40GDLF12-140	768	420	1188	256	169	128
40GDLF12-162	828	505	1333	330	240	128
40GDLF12-183	889	505	1394	330	240	128

性能曲线 CURVES



管路联接 CONNECTIONS

卡套式联接 Bayonet lock	DN50
法兰联接 Flange	DN40
外螺纹联接 Male threads	ZG1½

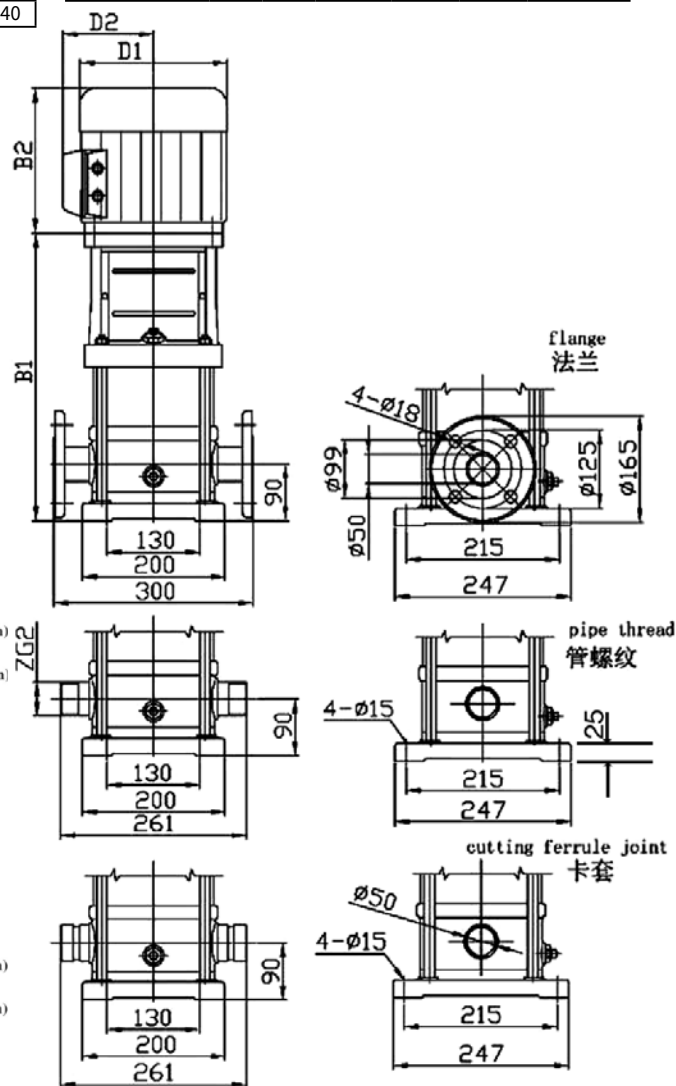
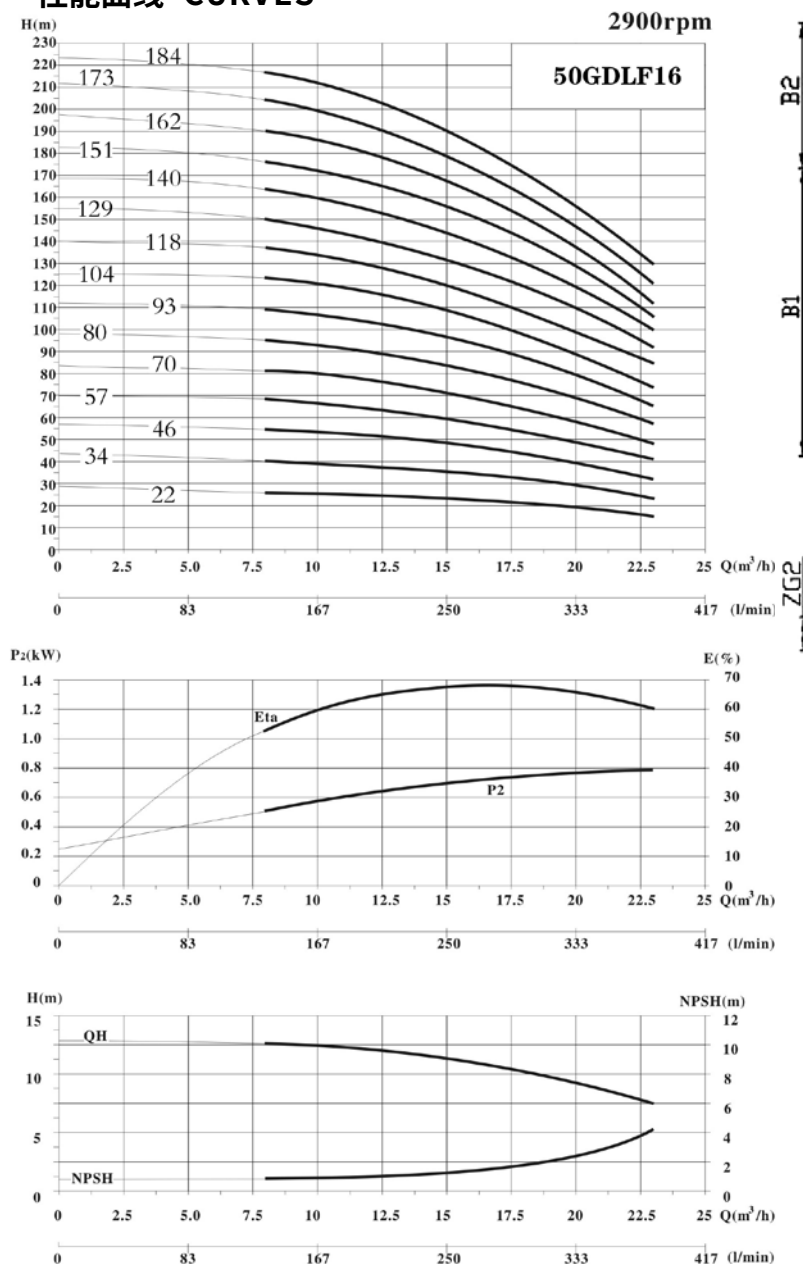
50GDLF16性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity									
三相 Three phase 380V 50Hz	kW	HP	m ³ /h	8	10	12	14	16	18	20	22	
			L/min	133	167	200	233	267	300	333	367	
			扬程 Head(m)									
50GDLF16-22	2.2	3.0		26	26	25	24	22	21.5	19	16.5	
50GDLF16-34	3.0	4.0		40	39	37.5	36	34.5	31.5	30	25.5	
50GDLF16-46	4.0	5.5		54	53	50	49	46.5	42	39	34.5	
50GDLF16-57	4.0	5.5		68	66	63	61	57.5	53	49	44	
50GDLF16-70	5.5	7.5		81	80	77	73	70	64	59	52	
50GDLF16-80	5.5	7.5		95	93	90	85	80.5	75	69	60	
50GDLF16-93	7.5	10		109	106	102	98	93	87	79	70	
50GDLF16-104	7.5	10		123	119	116	111	104	98	89	78	
50GDLF16-118	9.2	12.5		137	133	130	124	118	110	100	89	
50GDLF16-129	9.2	12.5		150	147	143	136	129	121	110	97	
50GDLF16-140	11	15		163	160	156	148	140	131	120	105	
50GDLF16-151	11	15		176	173	168	160	151	141	129	113	
50GDLF16-162	11	15		190	186	180	172	162	151	138	122	
50GDLF16-173	15	20		204	199	192	184	173	161	147	131	
50GDLF16-184	15	20		217	212	204	196	184	172	156	140	

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
50GDLF16-22	407	281	688	177	122	42
50GDLF16-34	463	328	791	197	128	56
50GDLF16-46	508	307	815	216	152	58
50GDLF16-57	553	307	860	216	152	60
50GDLF16-70	623	382	1005	256	169	89
50GDLF16-80	668	382	1050	256	169	91
50GDLF16-93	714	382	1096	256	169	102
50GDLF16-104	759	382	1141	256	169	104
50GDLF16-118	829	420	1249	256	169	136
50GDLF16-129	874	505	1379	330	240	138
50GDLF16-140	919	505	1424	330	240	140
50GDLF16-151	965	505	1470	330	240	142
50GDLF16-162	1010	505	1515	330	240	144
50GDLF16-173	1055	505	1560	330	240	188
50GDLF16-184	1100	505	1605	330	240	190

性能曲线 CURVES



管路联接 CONNECTIONS

卡套式联接	Bayonet lock	DN50
法兰联接	Flange	DN50
外螺纹联接	Male threads	ZG2

外形尺寸 OUT DIMENSIONS

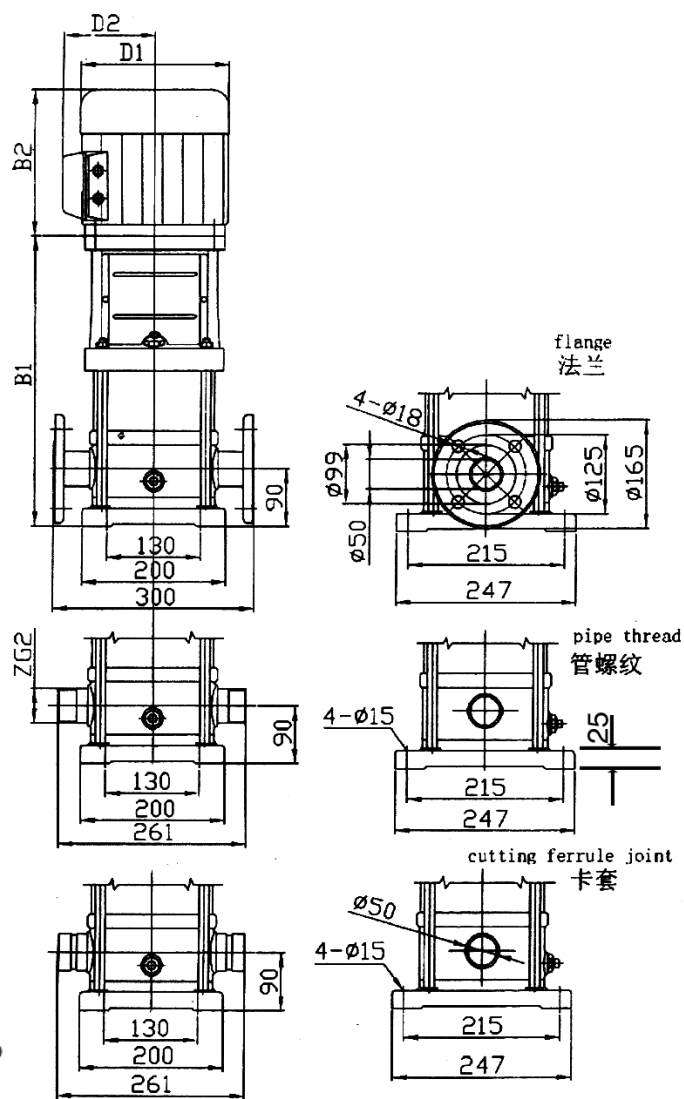
型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
50GDLF20-11	358	267	625	159	113	35
50GDLF20-23	407	281	688	177	122	42
50GDLF20-35	463	307	770	216	152	62
50GDLF20-47	533	382	915	256	169	74
50GDLF20-58	578	382	960	256	169	76
50GDLF20-70	623	382	1005	256	169	106
50GDLF20-82	668	382	1050	256	169	108
50GDLF20-94	739	420	1159	256	169	117
50GDLF20-118	829	505	1334	330	240	119
50GDLF20-142	919	505	1424	330	240	182
50GDLF20-166	1010	505	1515	330	240	184
50GDLF20-202	1146	560	1706	330	240	205

Figure 10 displays the performance characteristics of the 50GDLF20 pump at 2900 rpm. The figure consists of three vertically stacked graphs sharing a common x-axis representing flow rate Q in m^3/h and l/min .

The top graph shows the head H (m) versus flow rate Q . The y-axis ranges from 0 to 260 m. The x-axis ranges from 0 to 30 m^3/h (0 to 500 l/min). Multiple curves are plotted for different flow rates: 202, 166, 142, 118, 94, 82, 70, 58, 47, 35, 23, and 11 l/min . The head decreases as flow rate increases for each curve.

The middle graph shows the power P_2 (kW) and efficiency η (%) versus flow rate Q . The left y-axis for P_2 ranges from 0 to 1.6 kW. The right y-axis for η ranges from 0 to 100%. The x-axis ranges from 0 to 30 m^3/h (0 to 500 l/min). The P_2 curve increases with flow rate, while the η curve peaks around 18 m^3/h .

The bottom graph shows the head H (m) versus flow rate Q . The y-axis ranges from 0 to 16 m. The x-axis ranges from 0 to 30 m^3/h (0 to 500 l/min). Two curves are plotted: QH (Total Head) and $NPSH$ (Net Positive Suction Head). The QH curve decreases with flow rate, while the $NPSH$ curve increases with flow rate.



管路联接 CONNECTIONS

卡套式联接 Bayonet lock	DN50
法兰联接 Flange	DN50
外螺纹联接 Male threads	ZG2

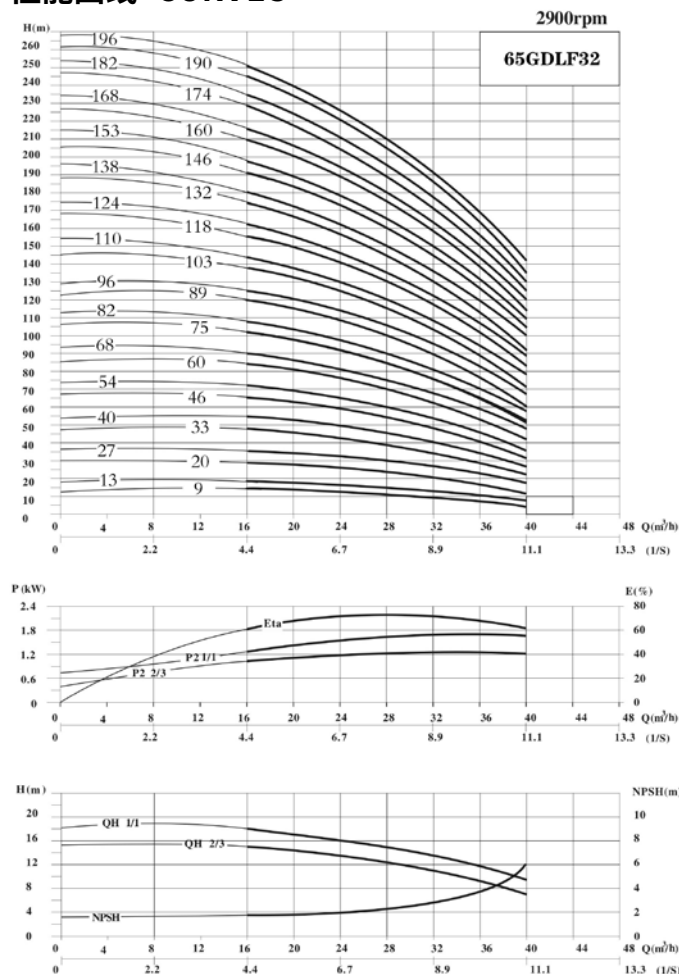
65GDLF32性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity							
三相 Three phase 380V 50Hz	kW	HP	m³/h	16	20	24	28	32	36	40
			L/S	4.4	5.6	6.7	7.8	8.9	10	11.1
			扬程 Head(m)							
65GDLF32-9	1.5	2.0		15	14	13	11.5	9.5	7	4
65GDLF32-13	2.2	3.0		18	17	15	14	13	11	8
65GDLF32-20	3.0	4.0		29	28	26	23	20	16	12
65GDLF32-27	4.0	5.5		36	34	32	30	27	23	18
65GDLF32-33	5.5	7.5		47	44	41	38	33	28	22
65GDLF32-40	5.5	7.5		54	51	48	45	40	36	27
65GDLF32-46	7.5	10		66	63	58	53	46	40	32
65GDLF32-54	7.5	10		72	68	64	60	54	48	36
65GDLF32-60	9.2	12.5		84	80	75	70	60	52	42
65GDLF32-68	9.2	12.5		90	85	80	75	68	60	48
65GDLF32-75	11	15		102	97	91	85	75	66	53
65GDLF32-82	11	15		108	102	96	90	82	72	58
65GDLF32-89	15	20		120	114	107	100	89	78	61
65GDLF32-96	15	20		126	119	112	105	96	84	68
65GDLF32-103	15	20		138	131	123	115	103	90	72
65GDLF32-110	15	20		144	136	128	120	110	96	78
65GDLF32-118	18.5	25		155	148	139	130	118	102	83
65GDLF32-124	18.5	25		162	155	146	136	124	108	89
65GDLF32-132	18.5	25		174	165	155	145	132	114	92
65GDLF32-138	18.5	25		180	170	160	150	138	120	100
65GDLF32-146	22	30		192	182	171	160	146	126	105
65GDLF32-153	22	30		198	187	176	165	153	135	110
65GDLF32-160	22	30		210	199	187	175	160	138	115
65GDLF32-168	22	30		216	204	192	180	168	147	120
65GDLF32-174	30	40		228	216	203	190	174	153	125
65GDLF32-182	30	40		234	221	208	195	182	158	130
65GDLF32-190	30	40		246	233	219	205	190	162	135
65GDLF32-196	30	40		252	238	224	210	196	170	142

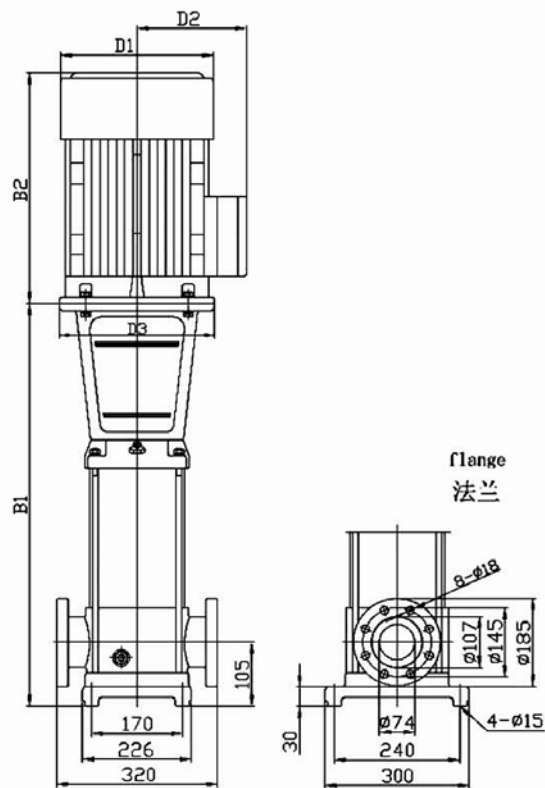
外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
65GDLF32-9	505	281	786	177	122	67.5
65GDLF32-13	505	281	786	177	122	71
65GDLF32-20	575	328	903	197	128	85
65GDLF32-27	575	307	882	216	152	87
65GDLF32-33	645	382	1027	256	169	93
65GDLF32-40	645	382	1027	256	169	95
65GDLF32-46	715	382	1097	256	169	102
65GDLF32-54	715	382	1097	256	169	105
65GDLF32-60	895	420	1315	256	169	172
65GDLF32-68	895	420	1315	256	169	175
65GDLF32-75	965	505	1470	330	260	176
65GDLF32-82	965	505	1470	330	260	177
65GDLF32-89	1035	505	1540	330	260	188
65GDLF32-96	1035	505	1540	330	260	190
65GDLF32-103	1105	505	1610	330	260	192
65GDLF32-110	1105	505	1610	330	260	194
65GDLF32-118	1175	560	1735	330	260	218
65GDLF32-124	1175	560	1735	330	260	220
65GDLF32-132	1245	560	1805	330	260	222
65GDLF32-138	1245	560	1805	330	260	224
65GDLF32-146	1315	590	1905	360	275	259
65GDLF32-153	1315	590	1905	360	275	261
65GDLF32-160	1385	590	1975	360	275	263
65GDLF32-168	1385	590	1975	360	275	265
65GDLF32-174	1455	660	2115	400	305	327
65GDLF32-182	1455	660	2115	400	305	329
65GDLF32-190	1525	660	2185	400	305	331
65GDLF32-196	1525	660	2185	400	305	333

性能曲线 CURVES



外形图 OUTLINE DRAWINGS



管路联接 CONNECTIONS

活动法兰联接
Movable Flange

DN65

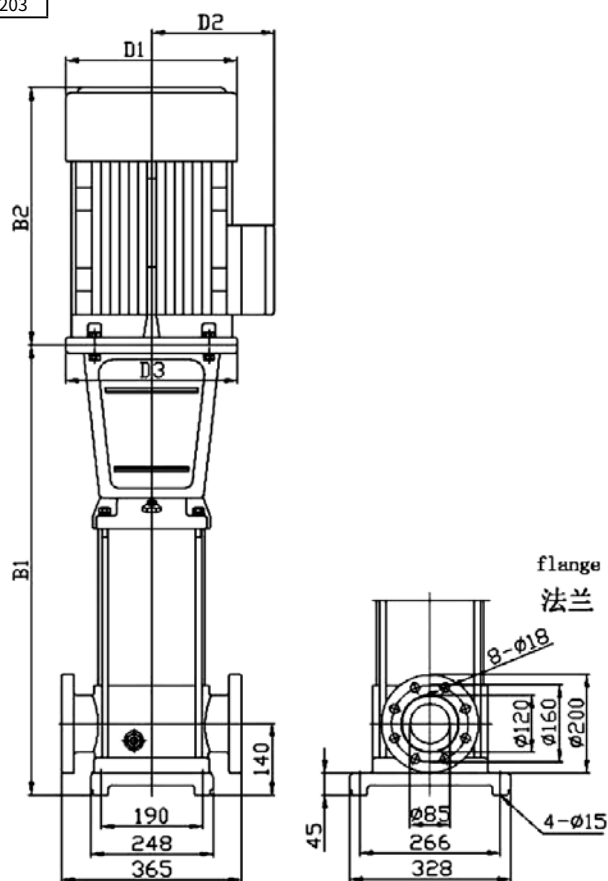
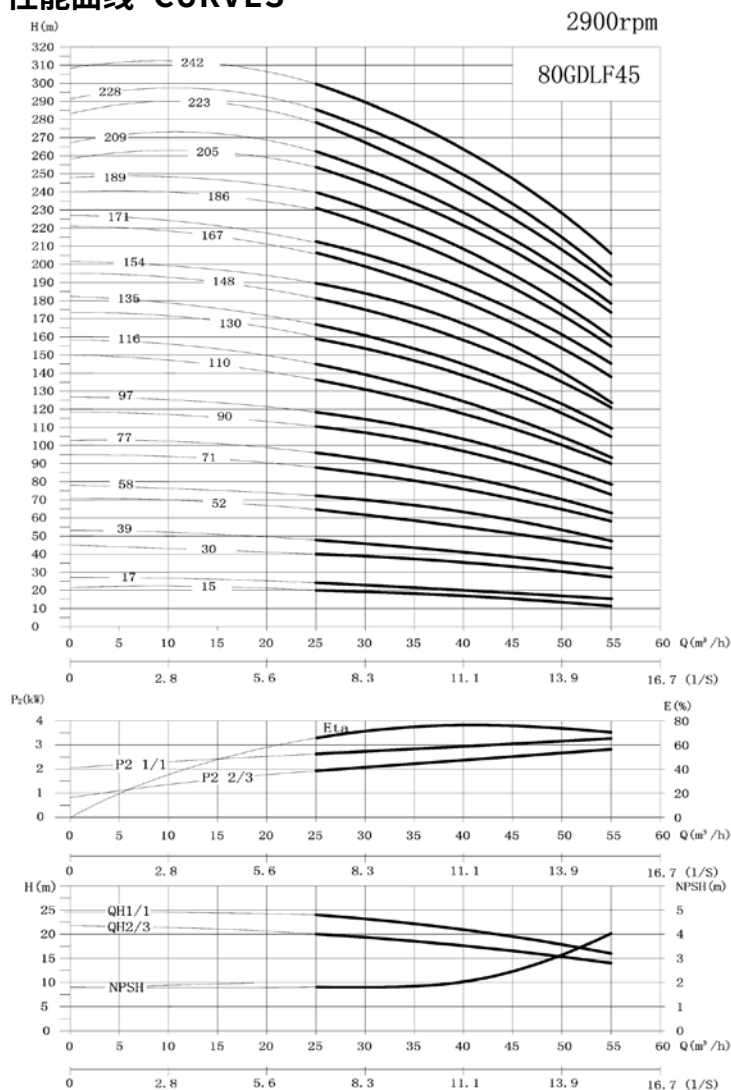
80GDLF45性能表 PERFORMANCE DATA

型号 Model	功率 Power		流量 Capacity							
	kW	HP	m³/h	25	30	35	40	45	50	55
			L/S	6.9	8.3	9.7	11.1	12.5	13.9	15.3
三相 Three phase 380V 50Hz			扬程 Head(m)							
80GDLF45-16	3.0	4.0		20	19.5	18	16	15	14	12
80GDLF45-17.5	4.0	5.5		22	21	20	19	17.5	16	14
80GDLF45-30	5.5	7.5		40	38.5	36	32	30	28	24
80GDLF45-39	7.5	10		48	46	44	42	39	34	31
80GDLF45-52	11	15		64	61.5	58	55	52.5	49	43
80GDLF45-58	11	15		71	69	66	63	58	53	47
80GDLF45-71	15	20		88	84.5	80	76	71	65	58
80GDLF45-77	15	20		95	92	88	84	77	71	63
80GDLF45-90	18.5	25		111	107.5	102	96.5	90	84	74
80GDLF45-97	18.5	25		119	115	110	105	97	88	78
80GDLF45-110	22	30		134	130	124	118	110	102	90
80GDLF45-116	22	30		143	138	132	125	116	106	93
80GDLF45-130	30	40		159	153	146	139	130	119	106
80GDLF45-135	30	40		166	161	154	146	135	124	109
80GDLF45-148	30	40		183	176	168	159	148	137.5	122
80GDLF45-154	30	40		190	184	176	167	154	141	124
80GDLF45-167	30	40		208	199	190	180	167	154.5	138
80GDLF45-171	37	50		216	206	197.5	189	171	158	145
80GDLF45-186	37	50		231	222	212	201	186	172	154
80GDLF45-189	37	50		240	231	221	210	189	176	160
80GDLF45-205	45	60		256	244.5	234	224	205	189.5	172
80GDLF45-209	45	60		265	263	243	231	209	192	176
80GDLF45-223	45	60		280	268.5	256	244	223	207	187
80GDLF45-228	45	60		288	276	264	252	228	210	192
80GDLF45-242	45	60		305	291.5	279	256	242	224	203

外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
80GDLF45-16	566	328	894	177	128	82
80GDLF45-17.5	566	307	873	216	152	92
80GDLF45-30	646	382	1028	256	169	103
80GDLF45-39	646	382	1028	256	169	107
80GDLF45-52	836	505	1341	330	260	175
80GDLF45-58	836	505	1341	330	260	177
80GDLF45-71	916	505	1421	330	260	187
80GDLF45-77	916	505	1421	330	260	189
80GDLF45-90	996	560	1556	330	260	208
80GDLF45-97	996	560	1556	330	260	210
80GDLF45-110	1076	590	1666	360	275	251
80GDLF45-116	1076	590	1666	360	275	253
80GDLF45-130	1156	660	1816	400	305	315
80GDLF45-135	1156	660	1816	400	305	317
80GDLF45-148	1236	660	1896	400	305	319
80GDLF45-154	1236	660	1896	400	305	321
80GDLF45-167	1296	660	1956	400	305	323
80GDLF45-171	1296	660	1956	400	305	351
80GDLF45-186	1376	660	2036	400	305	355
80GDLF45-189	1376	660	2036	400	305	357
80GDLF45-205	1456	710	2166	450	305	424
80GDLF45-209	1456	710	2166	450	305	426
80GDLF45-223	1536	710	2246	450	305	428
80GDLF45-228	1536	710	2246	450	305	430
80GDLF45-242	1616	710	2326	450	305	432

性能曲线 CURVES



管路联接 CONNECTIONS

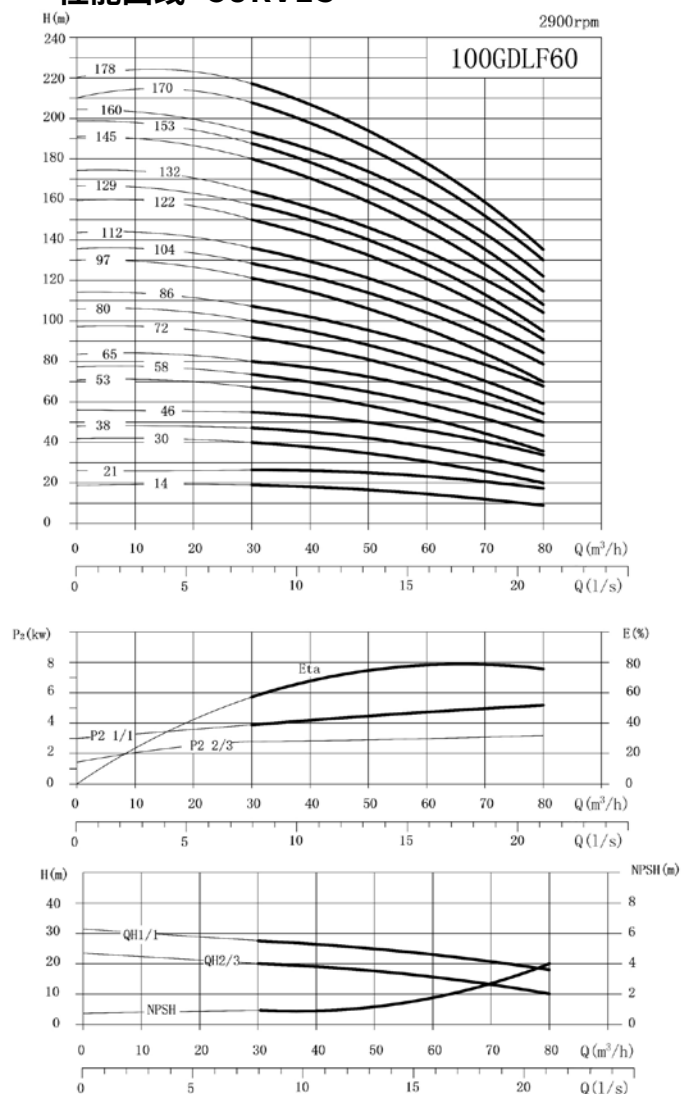
活动法兰联接
Movable Flange

DN80

100GDLF60性能表 PERFORMANCE DATA

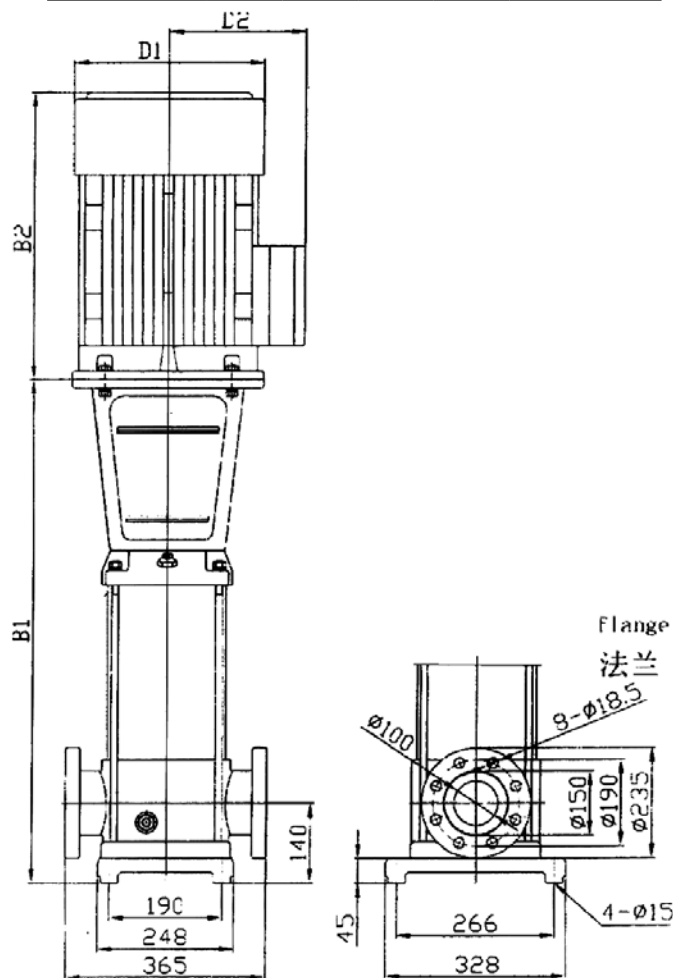
型号 Model	功率 Power		流量 Capacity						
	kW	HP	m ³ /h	30	40	50	60	70	80
			L/min	8.3	11.1	13.9	16.7	19.4	22.2
三相 Three phase 380V 50Hz			扬程 Head(m)						
100GDLF60-14	4.0	5.5		19	18	16	14	12	9
100GDLF60-21.5	5.5	7.5		26	25	23	21.5	19	16
100GDLF60-30	7.5	10		40	38	34	30	28	19
100GDLF60-38	11	15		47	45	41.5	38	32	26
100GDLF60-46	11	15		55	52	49	46	39	34
100GDLF60-53	15	20		67	64	57	53	45	35
100GDLF60-58	15	20		73	69	65	58	52	43
100GDLF60-65	18.5	25		80	76	72	65	60	50
100GDLF60-72	18.5	25		92	87	81	72	64	54
100GDLF60-80	22	30		100	94	88	80	72	59
100GDLF60-86	22	30		107	101	95	86	80	68
100GDLF60-97	30	40		121	114	105	97	85	70
100GDLF60-104	30	40		128	121	112	104	93	78
100GDLF60-112	30	40		136	129	119	112	100	84
100GDLF60-122	30	40		150	143	132	122	107	89
100GDLF60-129	37	50		157	149	140	129	114	95
100GDLF60-132	37	50		164	156	145	132	121	104
100GDLF60-145	37	50		180	172	162	145	130	108
100GDLF60-153	37	50		187	180	165	153	135	115
100GDLF60-160	45	60		193	183	175	160	143	122
100GDLF60-170	45	60		208	198	185	170	152	130
100GDLF60-180	45	60		217	207	194	178	158	135

性能曲线 CURVES



外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
100GDLF60-14	569	307	876	216	152	90
100GDLF60-21.5	569	382	951	256	169	110
100GDLF60-30	760	382	1142	256	169	130
100GDLF60-38	760	505	1265	330	260	190
100GDLF60-46	760	505	1265	330	260	192
100GDLF60-53	862	505	1367	330	260	200
100GDLF60-58	862	505	1367	330	260	202
100GDLF60-65	862	560	1422	330	260	205
100GDLF60-72	925	560	1485	330	260	210
100GDLF60-80	925	590	1515	360	275	255
100GDLF60-86	925	590	1515	360	275	257
100GDLF60-97	1008	660	1668	400	305	315
100GDLF60-104	1008	660	1668	400	305	317
100GDLF60-112	1008	660	1668	400	305	319
100GDLF60-122	1090	660	1750	400	305	320
100GDLF60-129	1090	660	1750	400	305	340
100GDLF60-132	1090	660	1750	400	305	342
100GDLF60-145	1172	660	1832	400	305	345
100GDLF60-153	1172	660	1832	400	305	347
100GDLF60-160	1172	710	1882	450	305	410
100GDLF60-170	1254	710	1964	450	305	412
100GDLF60-180	1254	710	1964	450	305	414



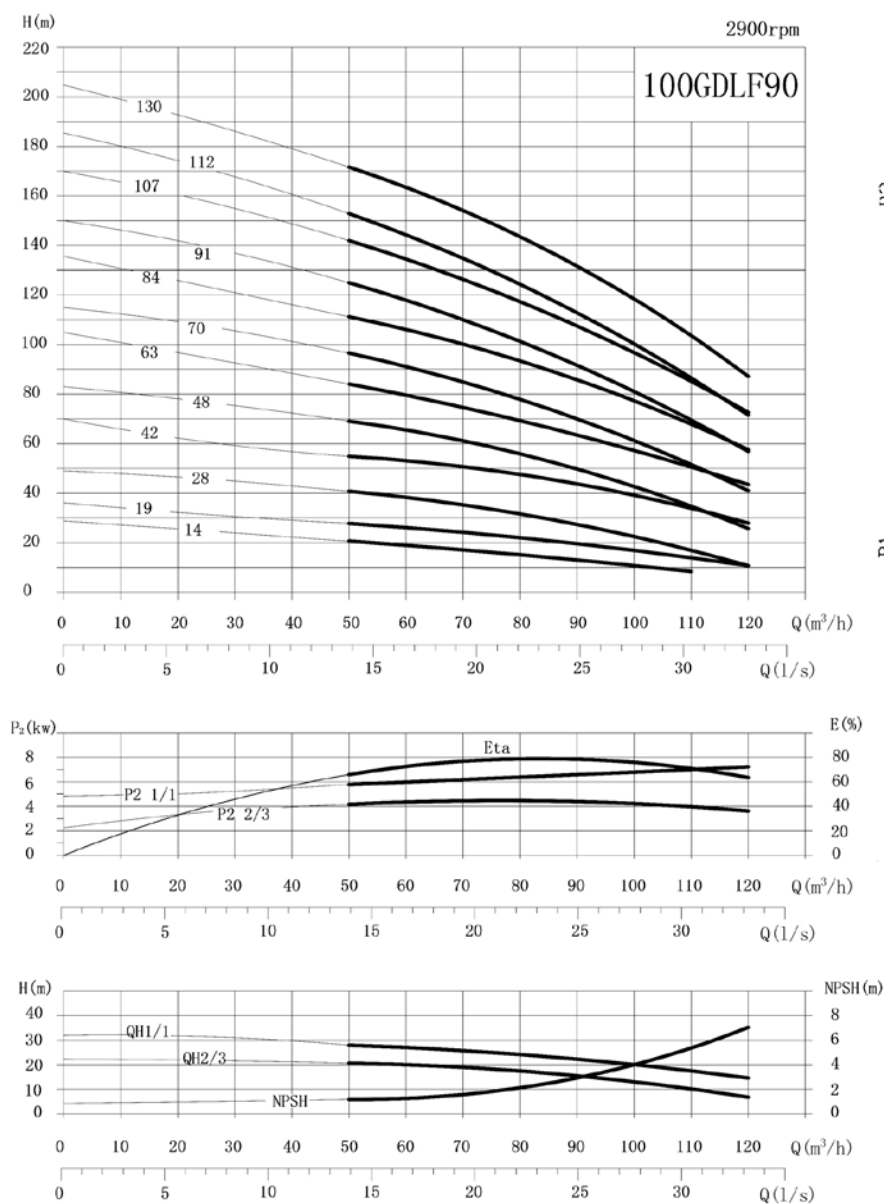
管路联接 CONNECTIONS

活动法兰联接 Movable Flange	DN100
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100GDLF90性能表 PERFORMANCE DATA

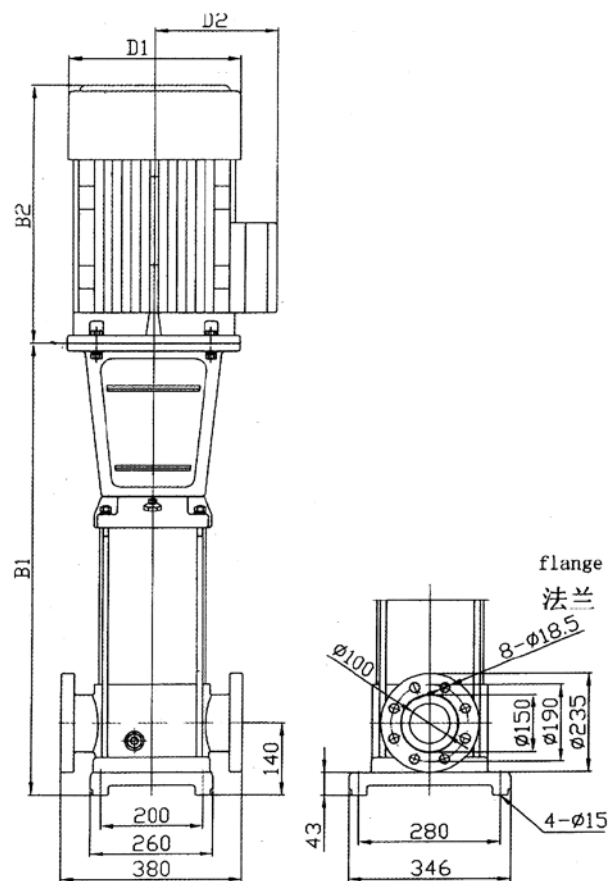
型号 Model	功率 Power		流量 Capacity									
三相 Three phase 380V 50Hz	kW	HP	m³/h	50	60	70	80	90	100	110	120	
			L/min	13.9	16.7	19.4	22.2	25	27.8	30.6	33.3	
			扬程 Head(m)									
100GDLF90-14	5.5	7.5		20.5	19	17.5	15.5	14	10	8		
100GDLF90-19	7.5	10		28	26.5	25	22	19	17	14	12	
100GDLF90-28	11	15		41	38	34	31	28	21	16	10	
100GDLF90-42	15	20		56	53	50	47	42	38	34	28	
100GDLF90-48	18.5	25		69	65	59	54.5	48.5	40	35	26.5	
100GDLF90-63	22	30		84	79.5	75	70.5	63	57	51	43.5	
100GDLF90-70	30	40		97	91	84	78	70	58	51.5	41	
100GDLF90-84	30	40		112	106	101	94	84	78	68	58	
100GDLF90-91	37	50		125	117.5	109	101.5	91	77	68.5	56	
100GDLF90-107	37	50		141	134	127	118	107	97	84	72	
100GDLF90-112	45	60		153	144	135	125	112	100	85.5	69	
100GDLF90-130	45	60		171	163	152	144	130	119	106	87	

性能曲线 CURVES



外形尺寸 OUT DIMENSIONS

型号 Model	尺寸 Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
100GDLF90-14	573	382	955	256	169	105
100GDLF90-19	573	382	955	256	169	120
100GDLF90-28	775	505	1280	330	260	123
100GDLF90-42	775	505	1280	330	260	205
100GDLF90-48	867	560	1427	330	260	210
100GDLF90-63	867	590	1457	360	275	255
100GDLF90-70	959	660	1619	400	305	320
100GDLF90-84	959	660	1619	400	305	323
100GDLF90-91	1051	660	1711	400	305	340
100GDLF90-107	1051	660	1711	400	305	343
100GDLF90-112	1143	710	1853	450	305	410
100GDLF90-130	1143	710	1853	450	305	413



管路联接 CONNECTIONS

活动法兰联接 Movable Flange	DN100
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