

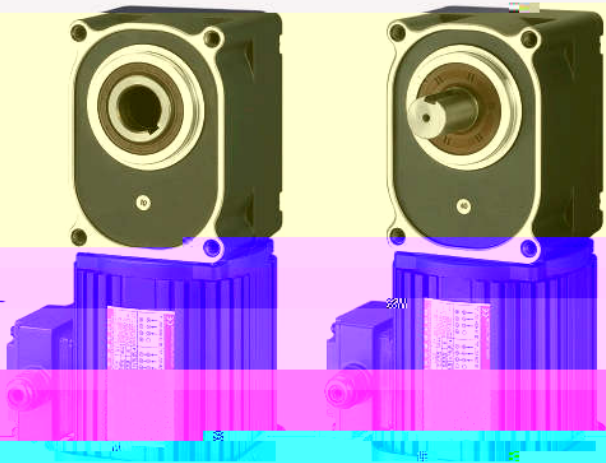
GF3 系列减速机（直交轴）

特性资料

同心空心轴、同心实心轴

GF3 系列减速机

110W~750W

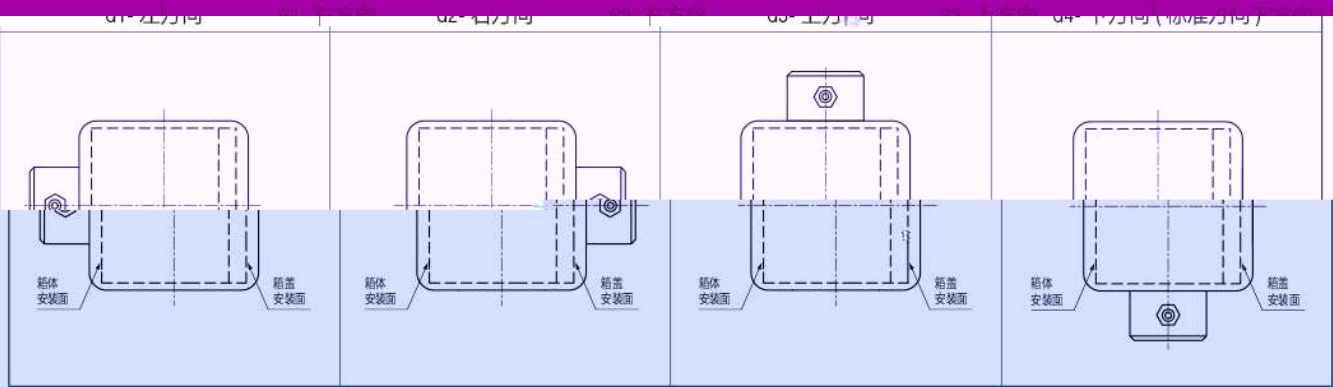


直交轴减速机特性资料

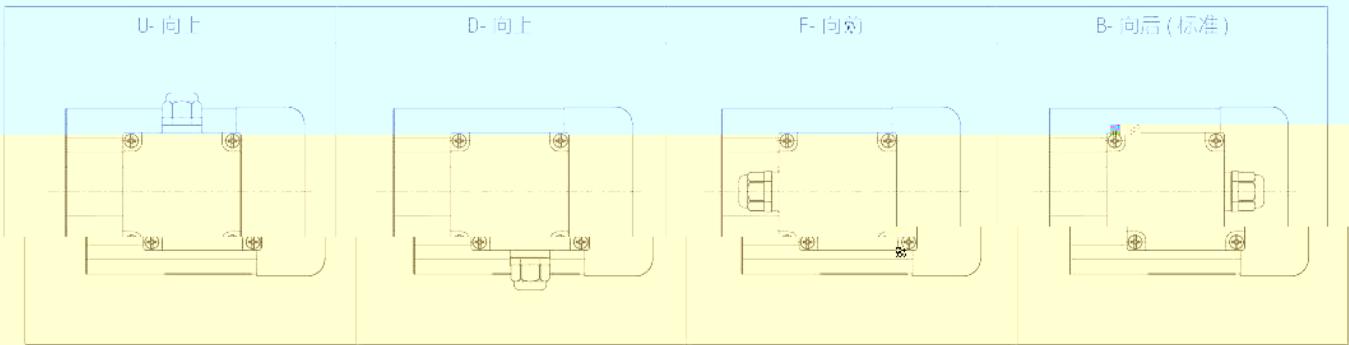
电机部分		相数	三相		单相	
110V/50Hz			功率		100W~750W	100W~750kW
B 级			电源		220V/50Hz	380V/50Hz 220V/50Hz
直接启动					绝缘等级	
另外高转矩型(100W)的不带制动器为全封闭型					起动方式	
4					保护冷却方式	全封闭型
13级					极数	
减速机					输入轴材料	45#
减速机					输出轴材料	40Cr
减速机					箱体材料	102 铝压铸
维护)					周围条件	周围温度
铁压铸						-10℃~40℃
10℃						周围湿度
湿度						85%以下（不结露）
						1000m 以下
						应于腐蚀性气体、易燃性气体及蒸汽等，无灰尘、通风良好场所
					安装场所	室内
					安装方向	垂直、水平、倾斜、任意

GF3系列直交轴减速机型号含义

GF3S	22	L	045	200L	S1	B	GF	B
机种	规格	型式	减速比	电动机	安装形式	轴径	轴伸方向	轴伸位置
例：GF3S-22-L-045-200L-S1-B-GF-B								
减速机规格为22号，L型，减速比为45，电动机为200L，S1安装形式，轴径为30mm，轴伸方向为B，轴伸位置为GF。								



出线孔方向(面向接线盒, 风扇罩朝右)

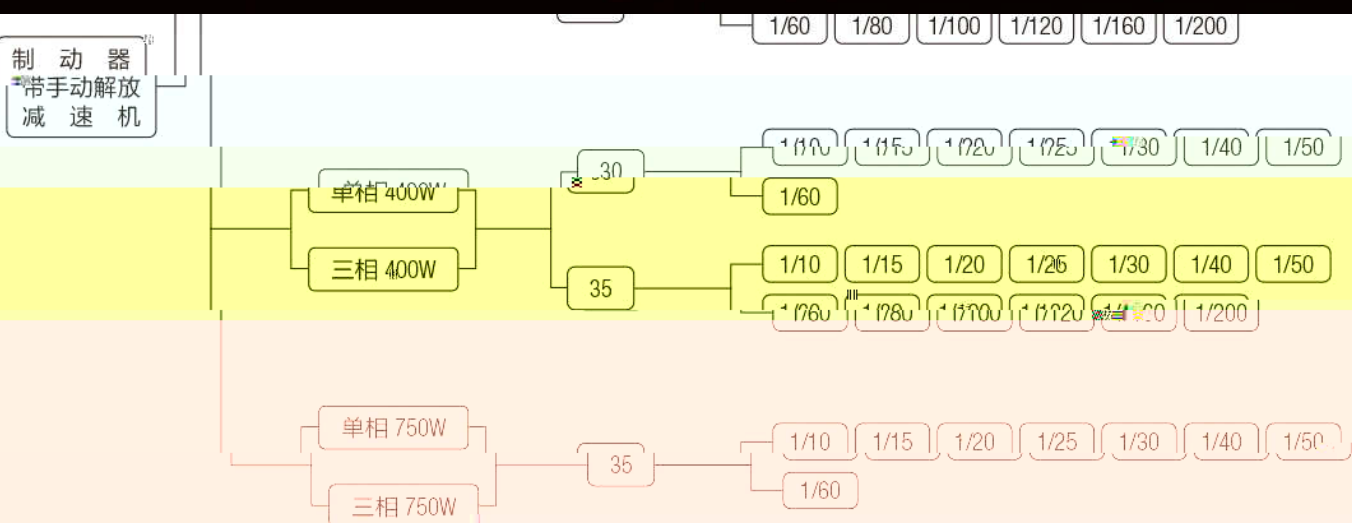


GF3 系列减速机（直交轴）

机种、型号、标准机型构成表

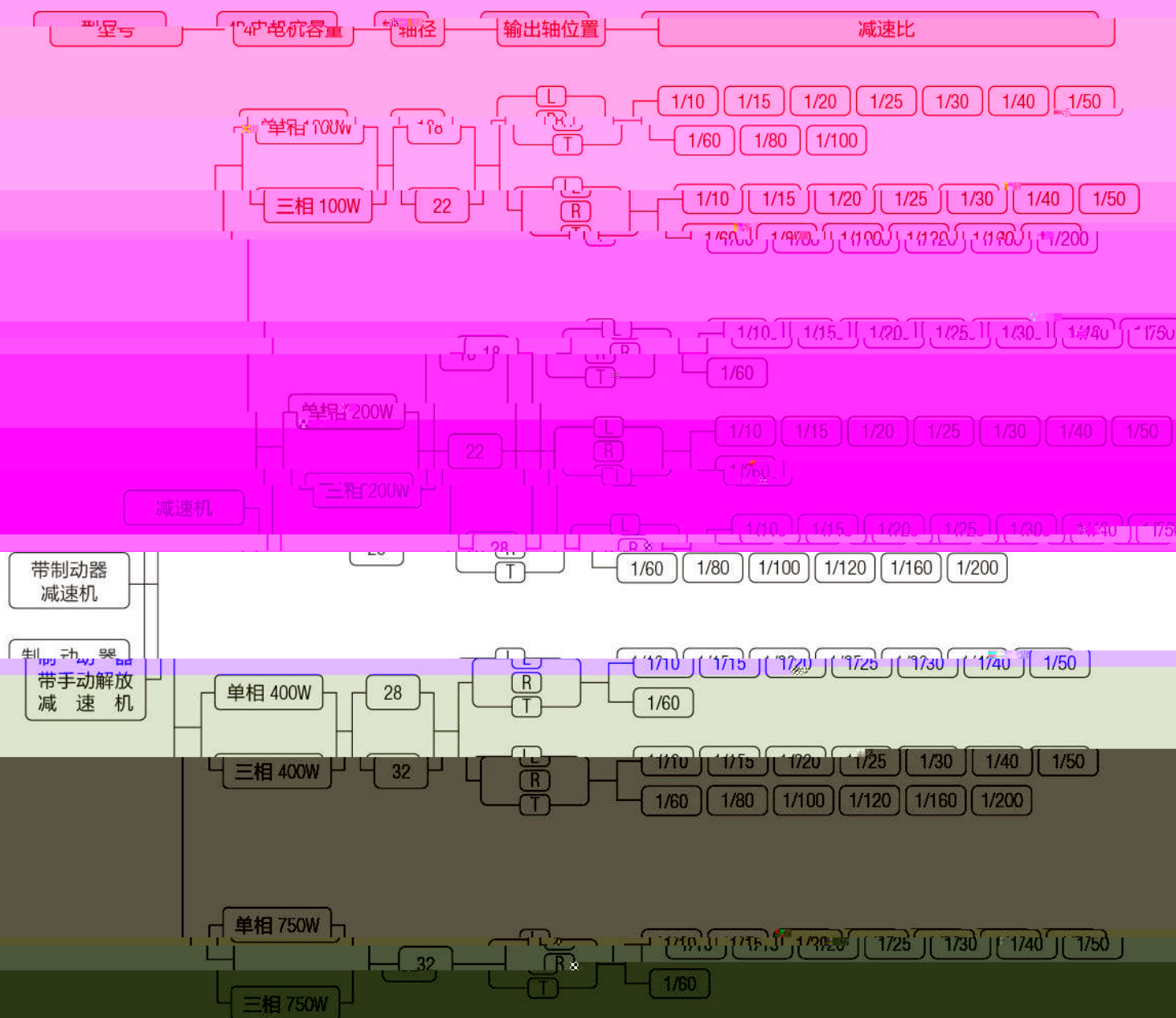
标准机型构成表

GF3S [同心空心轴]



标准机型构成表

GF3F「同心实心轴」



GF3 系列减速机（直交轴）

性能表

GF3 型 GF3S [同心空心轴] 单相 / 三相 100W

GF3 型 GF3F [同心实心轴] 单相 / 三相 100W

电机参数

电机规格	功率 (W)	绝缘等级	保护方式	额定电压 (V)	频率 (Hz)	额定电流 (A)	额定运转速度 (rpm)	电容 (μF)
单相	100	F	IP44	220	50	0.53	1180	40

减速机出力表

减速比	100W				150W				200W				300W				400W			
	1/80	1/100	1/120	1/160	1/80	1/100	1/120	1/160	1/80	1/100	1/120	1/160	1/80	1/100	1/120	1/160	1/80	1/100	1/120	1/160
1/80	18.8	15	12.5	9.4	39	31	26	18.8	47	38	32	22	59	47	40	28	65	52	44	31
1/100		15	12.5	9.4	49	39	32	22	59	47	40	28	71	56	47	33	80	64	54	38
1/120			12.5	9.4	5.2	4.1	3.4	2.4	1180	930	770	590	1200	930	770	590	1320	1030	850	630
1/15				9.4	7.7	6.4	4.7	3.4	1320	1030	850	630	1470	1150	960	710	1600	1260	1050	780
1/20				7.5	11	9.1	6.8	5.0	1470	1150	960	710	1600	1260	1050	780	1750	1390	1160	860
1/25					6.0	4.9	4.1	2.9	1570	1230	1020	760	1700	1340	1110	830	1850	1460	1220	910
1/30						5.0	4.1	2.9	1600	1260	1050	780	1800	1410	1170	880	1900	1500	1250	940
1/40							3.4	2.4	1630	1280	1070	800	1830	1440	1200	900	1930	1530	1280	960
1/50								2.0	1630	1280	1070	800	1830	1440	1200	900	1930	1530	1280	960
1/60									16	12.6	10.5	7.8	16	12.6	10.5	7.8	16	12.6	10.5	7.8
1/80									31.5	25.2	21	15.5	31.5	25.2	21	15.5	31.5	25.2	21	15.5
1/100										26	21	17.5		26	21	17.5		26	21	17.5
1/120											18.8	15								
1/160												12.5	9.4							
1/200													7.5	6.0						

注：1. 在减速机轴与配合机械连接时使用铸铁、传送带、齿轮时则应考虑输出轴容许出力。

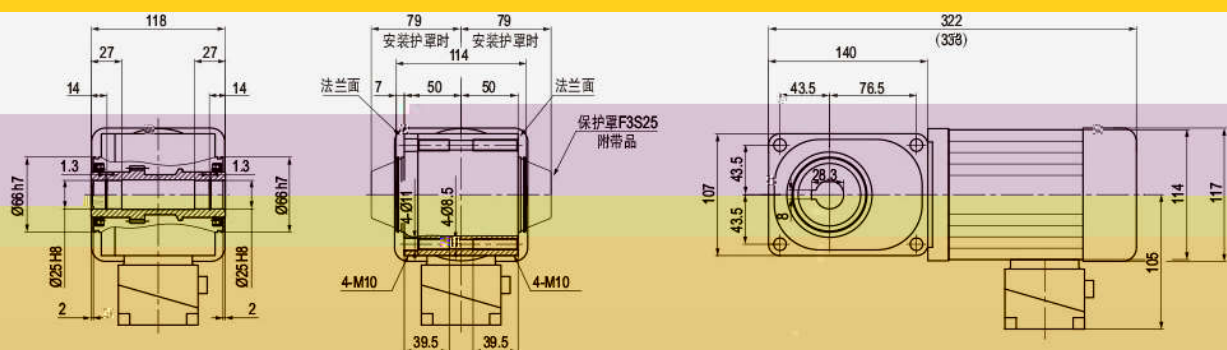
GF3型 GF3S [同心空心轴] 单相 / 三相 100W

尺寸图



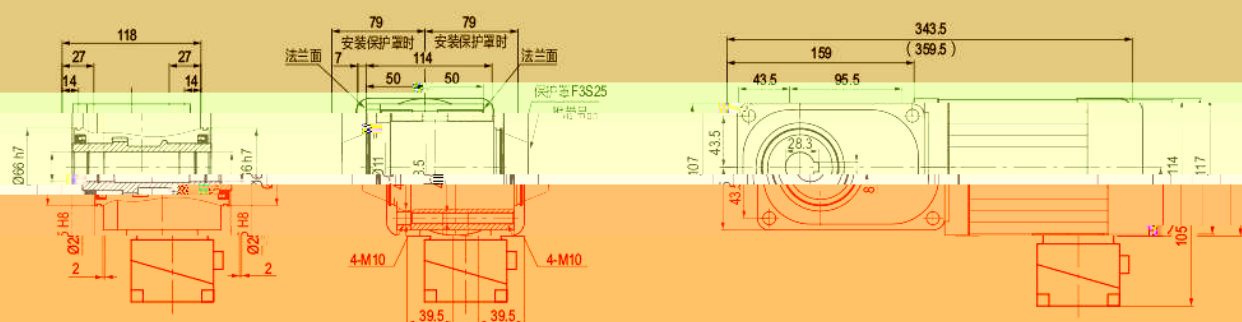
GF3S25N010-100-100

图 GF3-2



GF3S25N120-200-100

图 GF3-3



GF3 系列减速机 (直交轴)

参数及尺寸图

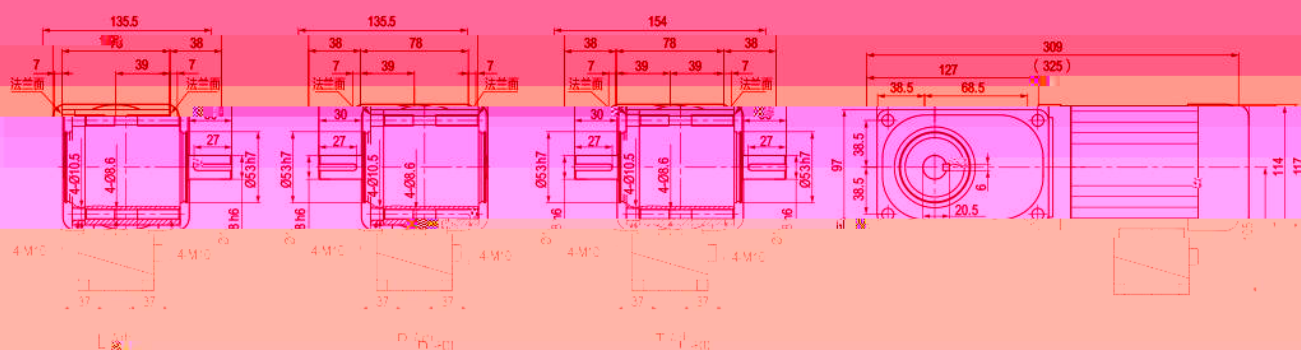
GF3 型 GF3S [同心空心轴] 单相 / 三相 100W

GF3 型 GF3F [同心实心轴] 单相 / 三相 100W

尺寸图

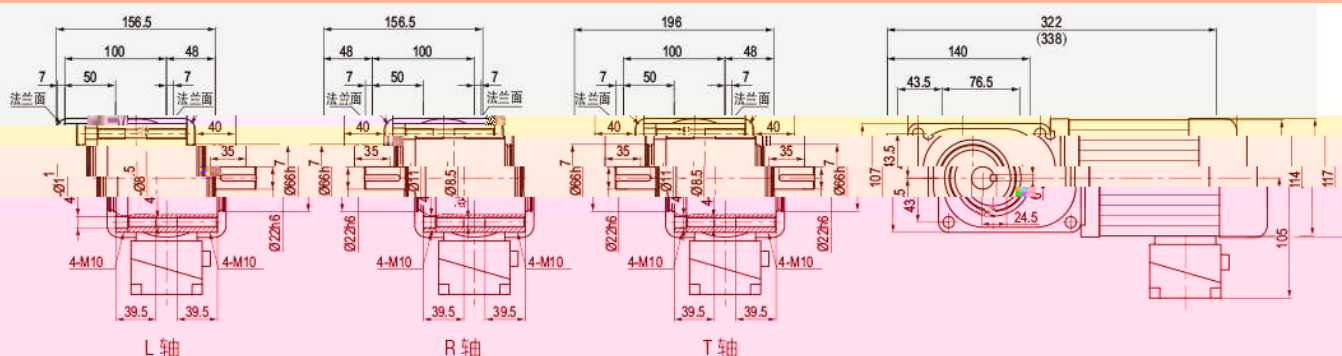
GF3F18R010-100-100

图 GF3-4



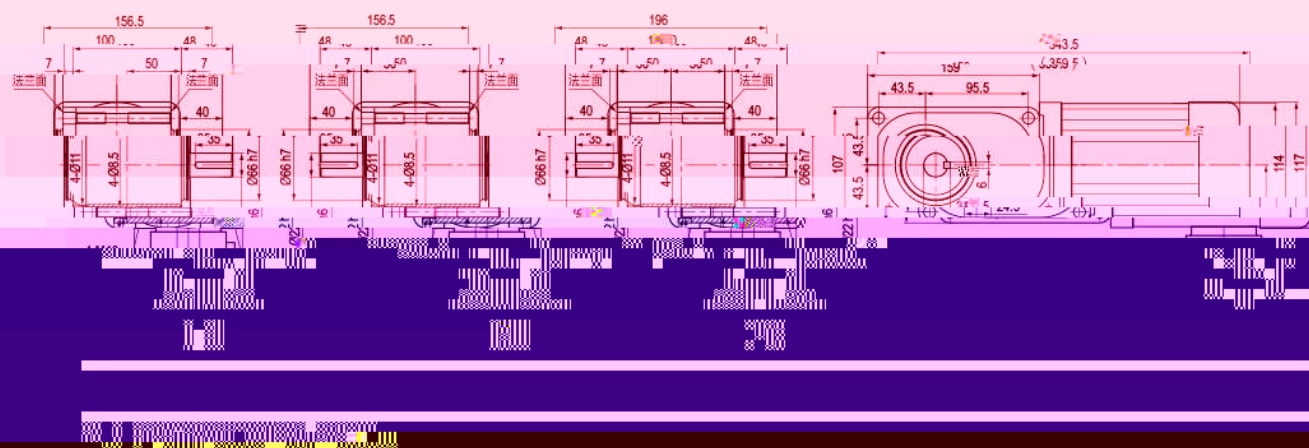
GF3F3P22R010000000

图 GF3-5



GF3F22R120-200-100

图 GF3-6



GF3 型 GF3S [同心空心轴] 单相 / 三相 200W.

GF3 型 GF3F [同心实心轴] 单相 / 三相 200W.

电机参数

电机规格	功率 (W)	绝缘等级	保护方式	电压 (V)	频率 (Hz)	额定电流 (A)	额定运转速度 (rpm)	电容 (μF)
单相 (持续额定 4 极)	200	B	全封闭或 外扇全封闭	220	50	2.0	1400	15

减速机出力表

		1/50	30	55	5.6	2450	250	613	63		
		1760	25	67	6.8	2550	260	637	65		
39	单相 三相 200W										
44											
		1/20	75	23	2.3	1860	190	466	48		
		1/25	60	27	2.8	2070	205	502	51		
		1/30	50	33	3.4	2110	215	527	54		
		1/40	37.5	44	4.5	2300	235	576	59		
图 052.0 图 052.13											
67	68	259	280	63	65			1/60	25		
84	86	3090	315	145	79			1/80	18.8		
105	10.7	3140	320	785	80			1/100	15		
320	785	80					1/120	12.9	3140		
320	785	80					1/160	9.4	169	17.9	3140
785	80					1/200	7.5	184	18.8	3140	320

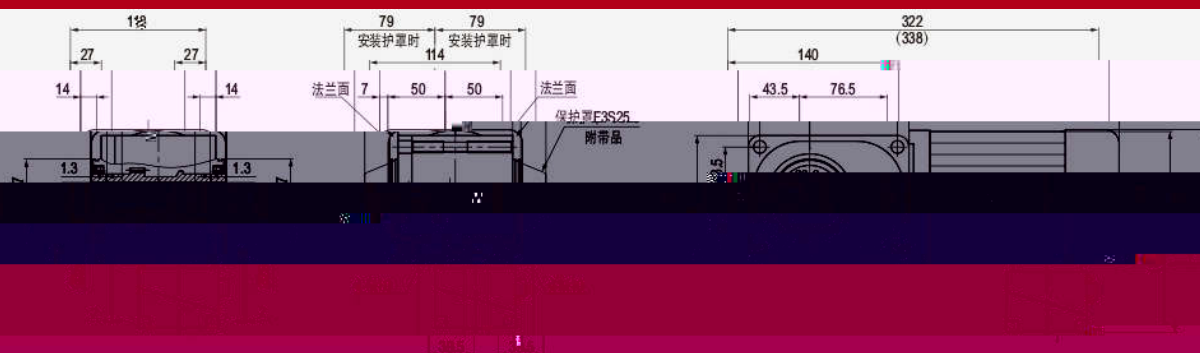
注: 1. 在减速机轴与配合机械连接时使用链齿、传送带、齿轮时则应考虑输出轴容许 0.H.L.

2. 在列表中, 1/50 为 100% 额定功率, 1/20 至 1/200 为 50% 额定功率, 1/160 至 1/120 为 25% 额定功率, 1/100 至 1/80 为 15% 额定功率, 1/60 至 1/40 为 10% 额定功率, 1/30 至 1/25 为 5% 额定功率, 1/20 为 2.5% 额定功率, 1/15 为 1.5% 额定功率, 1/10 为 1% 额定功率, 1/8 为 0.5% 额定功率, 1/6 为 0.25% 额定功率, 1/4 为 0.125% 额定功率, 1/3 为 0.0625% 额定功率, 1/2 为 0.03125% 额定功率, 1/1 为 0.015625% 额定功率, 1/0.5 为 0.0078125% 额定功率, 1/0.25 为 0.00390625% 额定功率, 1/0.125 为 0.001953125% 额定功率, 1/0.0625 为 0.0009765625% 额定功率, 1/0.03125 为 0.00048828125% 额定功率, 1/0.015625 为 0.000244140625% 额定功率, 1/0.0078125 为 0.0001220703125% 额定功率, 1/0.00390625 为 0.00006103515625% 额定功率, 1/0.001953125 为 0.000030517578125% 额定功率, 1/0.0009765625 为 0.0000152587890625% 额定功率, 1/0.00048828125 为 0.00000762939453125% 额定功率, 1/0.000244140625 为 0.000003814697265625% 额定功率, 1/0.0001220703125 为 0.0000019073486328125% 额定功率, 1/0.00006103515625 为 0.00000095367431640625% 额定功率, 1/0.000030517578125 为 0.000000476837158203125% 额定功率, 1/0.0000152587890625 为 0.0000002384185791015625% 额定功率, 1/0.00000762939453125 为 0.00000011920928955078125% 额定功率, 1/0.000003814697265625 为 0.000000059604644775390625% 额定功率, 1/0.0000019073486328125 为 0.0000000298023223876953125% 额定功率, 1/0.00000095367431640625 为 0.00000001490116119384765625% 额定功率, 1/0.000000476837158203125 为 0.000000007450580596923828125% 额定功率, 1/0.0000002384185791015625 为 0.0000000037252902984619140625% 额定功率, 1/0.00000011920928955078125 为 0.00000000186264514923095703125% 额定功率, 1/0.000000059604644775390625 为 0.000000000931322574615478515625% 额定功率, 1/0.0000000298023223876953125 为 0.0000000004656612873077392578125% 额定功率, 1/0.00000001490116119384765625 为 0.00000000023283064365386962890625% 额定功率, 1/0.000000007450580596923828125 为 0.000000000116415321826934814453125% 额定功率, 1/0.0000000037252902984619140625 为 0.0000000000582076609134674072265625% 额定功率, 1/0.00000000186264514923095703125 为 0.00000000002910383045673370361328125% 额定功率, 1/0.000000000931322574615478515625 为 0.000000000014551915228366851806640625% 额定功率, 1/0.0000000004656612873077392578125 为 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0.0000000000000000000000000001011966845624243925744088255729876142675057053571428125% 额定功率, 1/0.0000000000000000000000000032382939059975805638810075568362517675002852678571428125 为 0.000000000000000000000000000050598342281222196287204412786493807133752852678571428125% 额定功率, 1/0.0000000000000000000000000016191469529987902819405037784181251875002852678571428125 为 0.00000000

参数及尺寸图

GF3 型 GF3F「同心实心轴」单相 / 三相 200W

尺寸圖



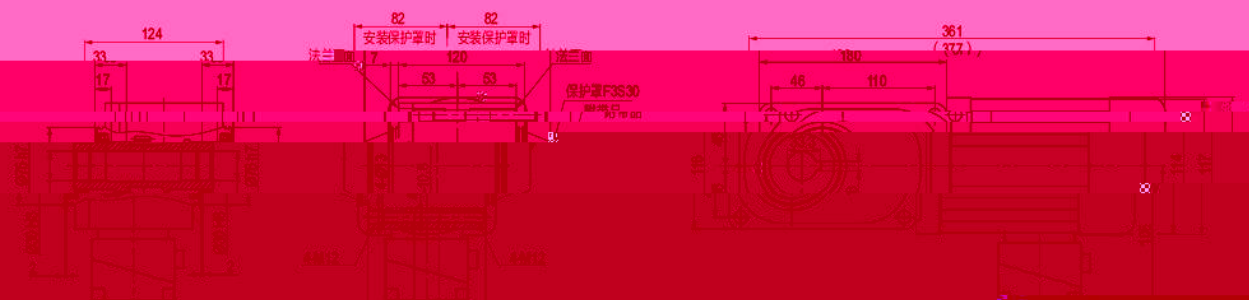
GF3 型 GF3S [同心空心轴] 单相 / 三相 200W

GF3 型 GF3F [同心实心轴] 单相 / 三相 200W

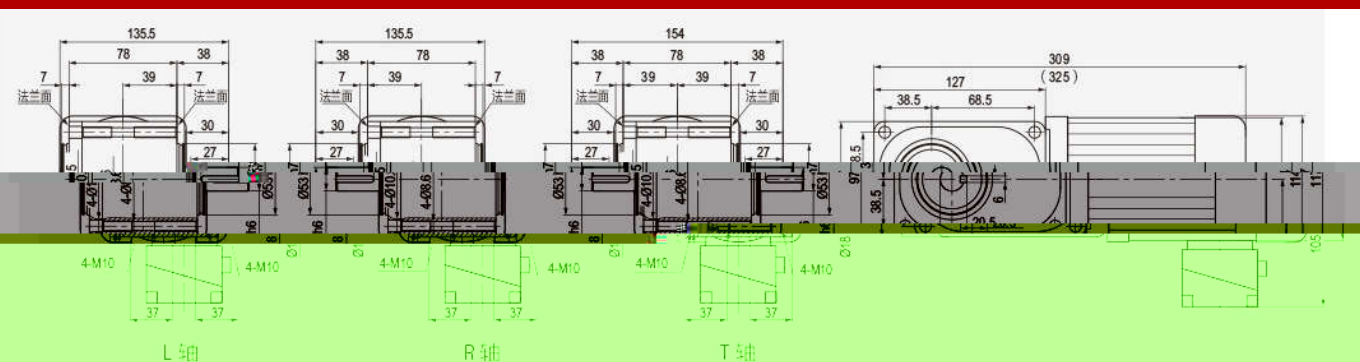
尺寸图

GF3S30N0120-200-200

图 GF3-10

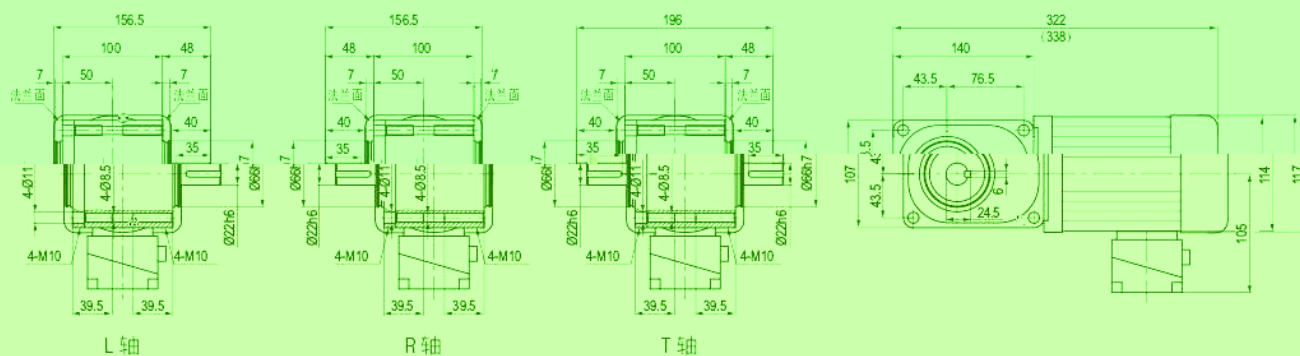


GF3F22R010-60-200



GF3F22R010-60-200

图 GF3-12

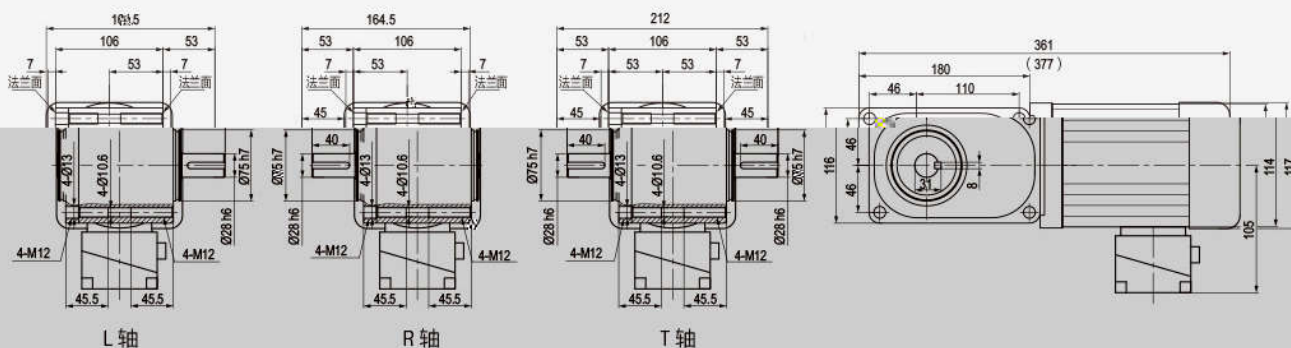


参数及尺寸图

GF3 型 GF3F「同心实心轴」单相 / 三相 200W

尺寸圖

图 GF3-13



GF3 型 GF3S [同心空心轴] 单相 / 三相 400W

GF3 型 GF3F [同心实心轴] 单相 / 三相 400W

电机参数

电机规格	功率	绝缘等级	保护方式	电压	频率	额定电流	额定运转速度	电容
单相 (持续额定 4 极)	400	B	全封闭或 外扇全封闭	220	50	3.8	1420	30
三相 (持续额定 4 极)	400	B	全封闭或 外扇全封闭	380	50	1.24	1400	-
				220	50	2.13	1400	-

减速机扭矩表

		输出轴运转速度	输出轴容许转矩力	输出轴容许 转矩	输出轴容许 转矩范围	外形尺寸图
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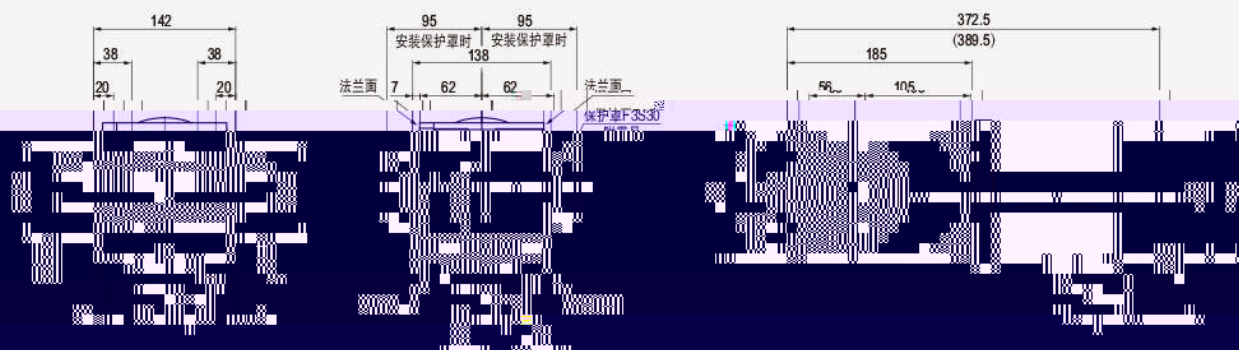
			1/50	30	111	11.3	2990	305	747	76			
			1/60	25	133	13.6	3090	315	767	78			
			1/10	15	162	16.2	3200	320	777	80			
4	2160	220	539	55							1/15	100	33
4.5	2400	245	600	61							1/20	75	44
5.5	2650	265	660	67							1/25	60	55
6	2700	270	675	68							1/30	50	66
7.5	3000	300	750	76							1/40	40	77
10	3300	330	825	83							1/50	30	88
11.5	3530	360	883	90							1/60	25	99
15	3530	360	883	90							1/80	16.5	109
18	3630	370	912	93							1/100	15	120
20	3700	370	912	93							1/120	12.5	131
											1/160	9.4	142
											1/200	7.5	153

注：1. 在减速机轴与配合机械连接时，必须使用弹性联轴器，否则应使用轴衬联轴器。

2. 在减速机分在轴上时，值应参考 GF3 系列减速机轴径尺寸表。

参数及尺寸图

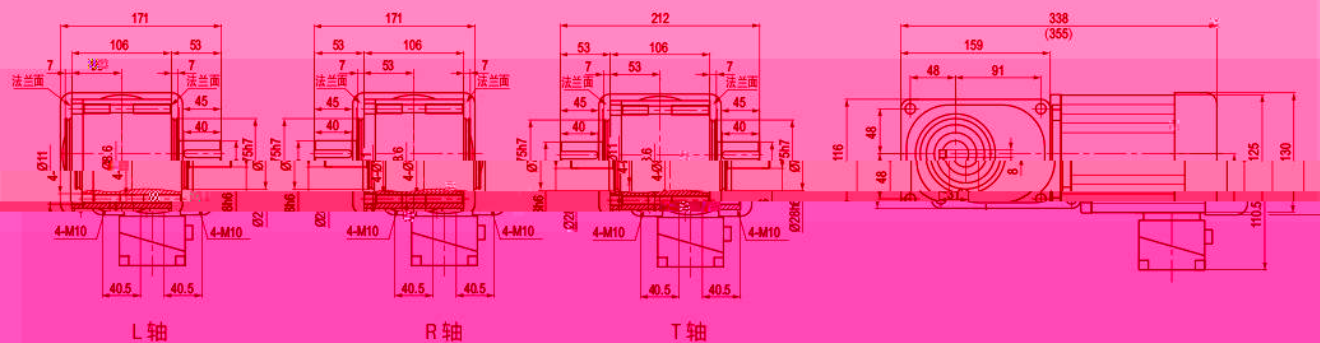
GF3 型 GF3F [同心实心轴] 单相 / 三相 400W



GF3 型 GF3F 同心空心轴 单相 / 三相 400W

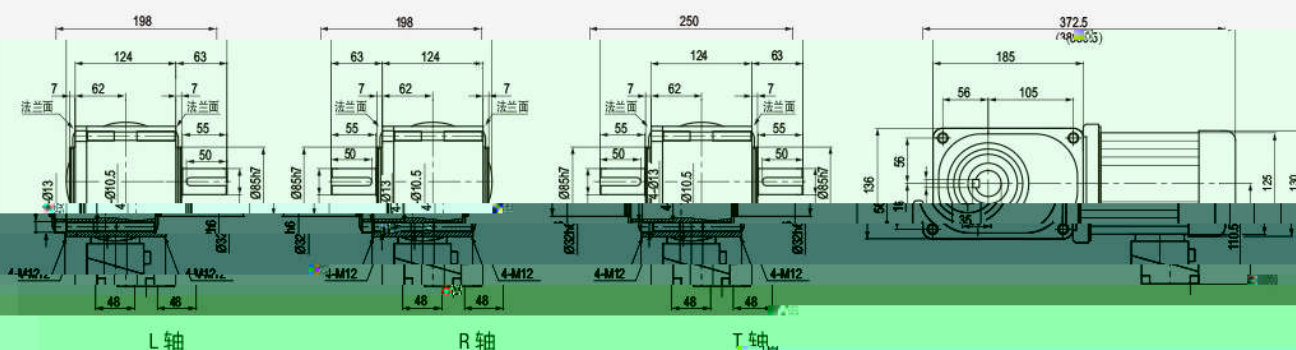
GF3F28^L_R010-60-400

图 GF3-18



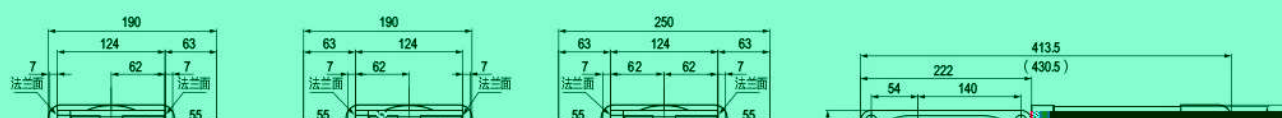
7525232^L 8010-60-400

图 GF3-19



GF3F3^LR080-200-400

图 GF3-20



GF3 系列减速机（直交轴）

性能表

GF3 型 GF3S [同心空心轴] 单相 / 三相 750W

GF3 型 GF3F [同心实心轴] 单相 / 三相 750W

1/50	21.25	208	27.25	3480	355	870	89
1/60	25	249	25.4	3480	355	870	89

2. 叙述公路上、船上的事情(叙述) 叙述地点、时间、人物、事件、结果

GF3 型 GF3S [同心空心轴] 单相 / 三相 750W

GF3 型 GF3F [同心实心轴] 单相 / 三相 750W

尺寸图

GF3S35N010-60-750₃

图 GF3-21

