

70mm

SPUR GEARHEAD (正齿轮箱) w/

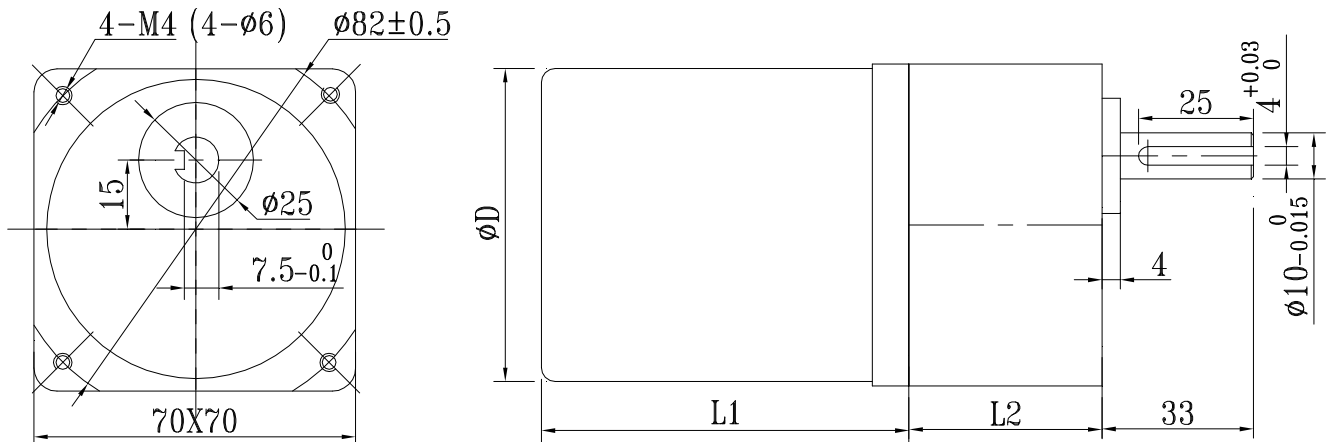
63ZYT PM DC Motors (永磁直流流马达)



● GEARHEAD SPECIFICATIONS:

Gear Ratio	Stage	Eff.	Rated Load	Max. Load	Length
减速比	级数	效率	额定负载	最大负载	长度
1:X	#	%	Kg.cm	Kg.cm	mm
3~18	2	81	15	45	32
20~50	3	73	30	90	42
60~200	4	66	50	150	42

● Gearhead Dimensions:



● MOTOR SPECIFICATIONS:

Model	Rated	No-load		Rated				Motor	
	Voltage	Current	Speed	Current	Speed	Torque		Power	
	VDC	A	r/min	A	r/min	N.m	kg.cm	W	
63ZYT083-12-30	12	0.5	3000	3	2500	0.074	0.75	19.2	83
63ZYT083-24-30	24	0.25	3000	1.5	2500	0.074	0.75	19.2	83
63ZYT100-12-32	12	0.65	3200	4.6	2650	0.108	1.1	29.9	100
63ZYT100-24-32	24	0.38	3200	2.3	2650	0.108	1.1	29.9	100

● GEARMOTOR SPECIFICATIONS: 70JB50KxxxG/ motor model

$Y(IN-LB) = 0.867313 * X(Kg.cm)$

Model	Gear Ratio		3	3.6	5	6	7.5	9	10	12	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
			Efficiency	31%	31%	31%	31%	31%	31%	31%	31%	31%	31%	73%	73%	73%	73%	73%	73%	36%	36%	36%	36%	36%	36%	36%
63ZYT 083-12-30	Speed	RPM	330	394	500	417	330	278	250	200	167	138	125	100	83	69	63	50	42	33	28	25	21	17	14	13
	Rated Load	N.m	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.0	1.07	1.34	1.61	1.93	2.15	2.68	1.9	1.6	4.4	4.9	4.9	4.9	4.9	4.9
63ZYT 083-24-30	Speed	RPM	330	394	500	417	330	278	250	200	167	138	125	100	83	69	63	50	42	33	28	25	21	17	14	13
	Rated Load	N.m	1.1	1.2	1.3	1.3	1.4	1.5	1.6	0.7	0.9	1.1	1.1	1.3	1.6	1.9	2.1	2.7	2.9	3.6	4.4	4.9	4.9	4.9	4.9	4.9
63ZYT 100-12-32	Speed	RPM	380	430	530	440	350	290	260	210	170	140	130	100	88	74	66	53	44	35	29	27	22	18	15	13
	Rated Load	N.m	1.2	1.3	1.4	1.5	1.6	0.8	0.9	1.1	1.3	1.6	1.6	2.0	2.4	2.8	3.1	3.9	4.3	4.9	4.9	4.9	4.9	4.9	4.9	4.9
63ZYT 100-24-32	Speed	RPM	380	430	530	440	350	290	260	210	170	140	130	100	88	74	66	53	44	35	29	27	22	18	15	13
	Rated Load	N.m	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.0	1.3	1.5	1.57	1.97	2.36	2.83	3.15	3.94	4.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9