

φ50mm

SPUR GEARHEAD (正齿轮箱) w/

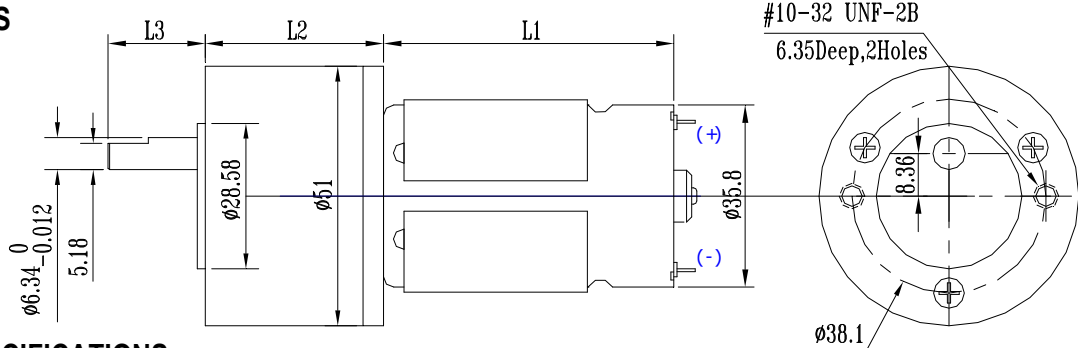
36ZYT PM DC MOTOR (永磁直流马达)



● 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	
8	14	2	81	10	20	26
33	55	3	73	20	40	26
130	220	4	66	30	60	33.5
520	883	5	59	30	60	33.5

● DIMENSIONS



● MOTOR SPECIFICATIONS

Model	Rated	No-load		Rated				Stall	Motor	
	Voltage VDC	Current A	Speed r/min	Current A	Speed r/min	Torque g.cm	Power W	Torque g.cm	Dia. mm	Length mm
36ZYT57-12-23	12	0.1	2250	0.33	1700	100	1.7	400	35.8	57
36ZYT57-12-45	12	0.19	4500	0.91	3800	191	7.4	1100	35.8	57
36ZYT57-12-53	12	0.19	5300	0.79	4400	150	6.8	883	35.8	57
36ZYT57-24-23	24	0.07	2250	0.160	1700	100	1.7	400	35.8	57
36ZYT57-24-43	24	0.09	4310	0.46	3590	200	7.4	1200	35.8	57
36ZYT57-24-53	24	0.13	5340	0.66	4420	220	10.0	1280	35.8	57

● GEARMOTOR SPECIFICATIONS 50JB30KxxxG-Motor Model

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

Volt.	Speed	Gear Ratio		8	14	32.5	55	130	220	520	883
		Efficiency %		81	81	73	73	66	66	59	59
12 Vdc	2250	No-load speed (RPM)		281	161	69	41	17.3	10.2	4.3	2.5
		Rated speed (RPM)		213	121	52	31	13.1	7.7	3.3	1.9
		Rated load (Kg.cm)		0.65	1.13	2.37	4.02	8.6	14.5	30	30
	4500	No-load speed (RPM)		563	321	138	82	34.6	20.5	8.7	5.1
		Rated speed (RPM)		475	271	117	69	29.2	17.3	7.3	4.3
		Rated load (Kg.cm)		1.24	2.17	4.53	7.67	16.4	27.7	30	30
	5300	No-load speed (RPM)		663	379	163	96	40.8	24.1	10.2	6.0
		Rated speed (RPM)		550	314	135	80	33.8	20.0	8.5	5.0
		Rated load (Kg.cm)		0.97	1.70	3.56	6.02	12.9	21.8	30	30
24 Vdc	2250	No-load speed (RPM)		281	161	69	41	17.3	10.2	4.3	2.5
		Rated speed (RPM)		213	121	52	31	13.1	7.7	3.3	1.9
		Rated load (Kg.cm)		0.65	1.13	2.37	4.02	8.6	14.5	30	30
	4310	No-load speed (RPM)		539	308	133	78	33.2	19.6	8.3	4.9
		Rated speed (RPM)		449	256	110	65	27.6	16.3	6.9	4.1
		Rated load (Kg.cm)		1.30	2.27	4.75	8.03	17.2	29.0	30	30
	5340	No-load speed (RPM)		668	381	164	97	41.1	24.3	10.3	6.0
		Rated speed (RPM)		553	316	136	80	34.0	20.1	8.5	5.0
		Rated load (Kg.cm)		1.43	2.49	5.22	8.83	18.9	30	30	30