

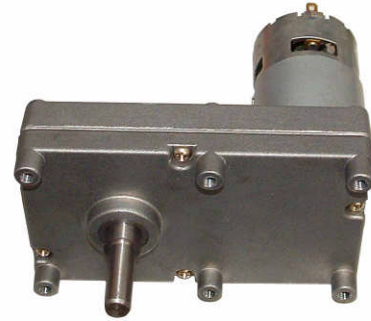
70x120

70JR120-300K SPUR GEARHEAD (正齿轮箱)

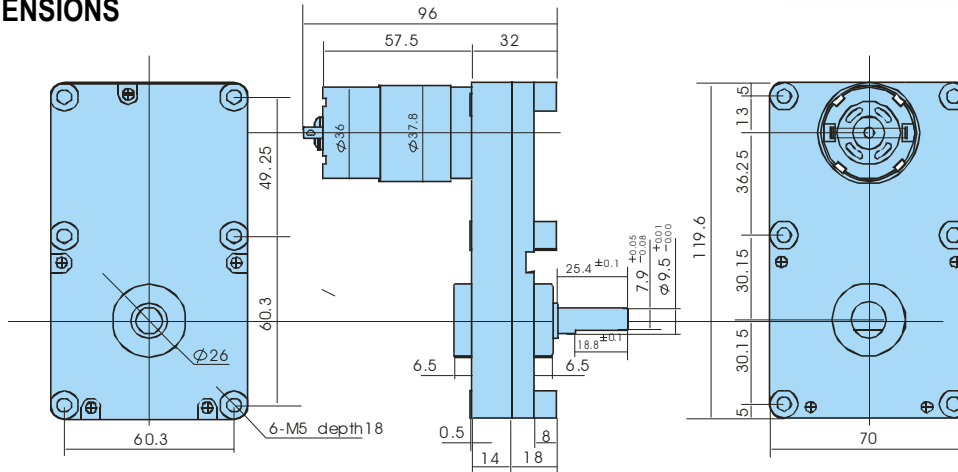
w/ 36ZYT PM DC MOTOR (永磁直流马达)

● GEARHEAD SPECIFICATIONS

Gear Ratio	Stage	Eff.	Rated Load	Max. Load
減速比	级数	效率	额定负载	最大负载
1:X	#	%	Kg.cm	Kg.cm
134	3	66	200	600
394 - 863	4	59	250	750
1204 - 3084	5	53	300	900



● 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

● GEAR MOTOR SPECIFICATIONS: 70JR120-300KxxxxG/Motor model $Y(\text{IN-LB}) = 0.867313 \times X(\text{Kg.cm})$

Volt.	Speed	Gear Ratio	134	394	494	664	720	733	863	1204	1269	1650	1927	2031	3084
		Efficiency %	73	66	66	66	66	66	66	66	59	59	59	59	59
12 Vdc	2250	Rated speed (RPM)	13	4	3	3	2.4	2.3	2.0	1.4	1.3	1.0	0.9	0.8	0.6
		Rated load (Kg.cm)	9.78	26.0	32.6	43.8	47.5	48.4	57.0	71.0	74.9	97.4	114	120	182
	4500	Rated speed (RPM)	28	10	8	6	5.3	5.2	4.4	3.2	3.0	2.3	2.0	1.9	1.2
		Rated load (Kg.cm)	18.7	49.7	62.3	83.7	90.8	92.4	108.8	135.7	143	186	217	229	300
	5300	Rated speed (RPM)	33	11	9	7	6.1	6.0	5.1	3.7	3.5	2.7	2.3	2.2	1.4
		Rated load (Kg.cm)	14.7	39.0	48.9	65.7	71.3	72.6	85.4	107	112	146	171	180	273
24 Vdc	2250	Rated speed (RPM)	13	4	3	3	2.4	2.3	2.0	1.4	1.3	1.0	0.9	0.8	0.6
		Rated load (Kg.cm)	9.78	26.0	32.6	43.8	47.5	48.4	57.0	71.0	74.9	97.4	114	120	182
	4310	Rated speed (RPM)	27	9	7	5	5.0	4.9	4.2	3.0	2.8	2.2	1.9	1.8	1.2
		Rated load (Kg.cm)	19.6	52.0	65.2	87.6	95.0	96.8	114	142	150	195	227	240	300
	5340	Rated speed (RPM)	33	11	9	7	6.1	6.0	5.1	3.7	3.5	2.7	2.3	2.2	1.4
		Rated load (Kg.cm)	21.5	57.2	71.7	96.4	105	106	125	156	165	214	250	264	300