ϕ10mm

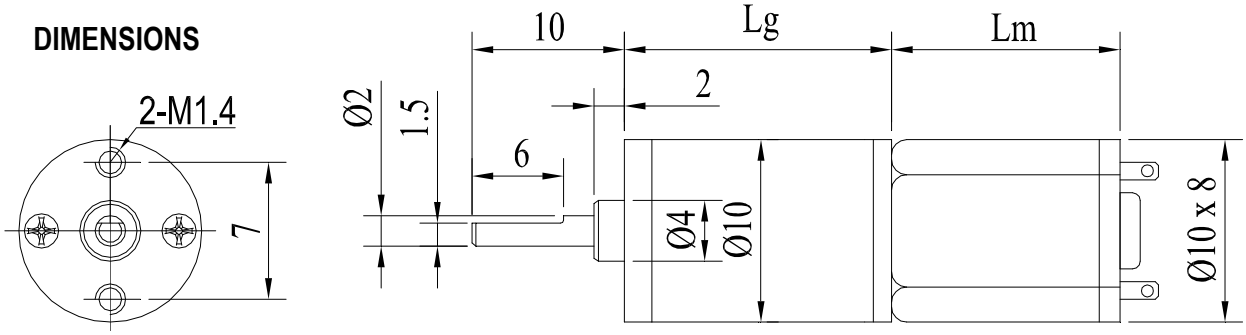
SPUR GEAR HEAD (正齿轮箱) w/

10ZYT PM DC Motor (永磁直流马达)

- **GEAR HEAD 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
	24	30	4	66	0.3	0.6	11.2
40	60	75	5	59	0.4	0.8	12.6
120	150	187	6	53	0.5	1	14
300	375	469	7	48	0.75	1.5	16.3
750	937	1172	8	43	0.75	1.5	17.7

- **DIMENSIONS**



- **MOTOR SPECIFICATIONS**

Model	Rated	No-load		Rated				Stall	Motor	
	Voltage	Current	Speed	Current	Speed	Torque	Power	Torque	Dia.	Length
	VDC	A	r/min	A	r/min	g.cm	W	g.cm	mm	mm
10ZYT15-02-80	2	0.025	8000	0.076	6020	0.96	0.059	3.9	10	15
10ZYT15-03-152	3	0.045	15200	0.160	11820	1.7	0.206	7.6	10	15
10ZYT15-2.5-50	2.5	0.03	5000	0.070	4000	1.6	0.066	7.5	10	20.3
10ZYT20-09-114	9	0.038	11400	0.086	7910	2.4	0.195	7.9	10	20.3

- **GEAR MOTOR SPECIFICATIONS**

10JA075K-xxxG/ 10ZYT15-02-80

Gear Ratio	24	30	40	60	75	120	150	188	300	375	469	750	938	1172
No-load speed (RPM)	333	267	200	133.3	106.7	67	53.3	42.6	26.7	21.3	17.1	10.7	8.5	6.8
Rated speed (RPM)	251	201	151	100.3	80.3	50	40.1	32.0	20.1	16.1	12.8	8.0	6.4	5.1
Rated load (Kg.cm)	0.02	0.02	0.02	0.03	0.04	0.06	0.08	0.10	0.14	0.17	0.22	0.31	0.39	0.49

10JA075K-xxxG/ 10ZYT15-03-152

Gear Ratio	24	30	40	60	75	120	150	188	300	375	469	750	938	1172
No-load speed (RPM)	633	507	380	253.3	202.7	127	101.3	80.9	50.7	40.5	32.4	20.3	16.2	13.0
Rated speed (RPM)	493	394	296	197.0	157.6	99	78.8	62.9	39.4	31.5	25.2	15.8	12.6	10.1
Rated load (Kg.cm)	0.03	0.03	0.04	0.1	0.08	0.11	0.1	0.17	0.24	0.31	0.38	0.55	0.69	0.75

10JA075K-xxxG/ 10ZYT20-2.5-50

Gear Ratio	24	30	40	60	75	120	150	188	300	375	469	750	938	1172
No-load speed (RPM)	208	167	125	83.3	66.7	42	33.3	26.6	16.7	13.3	10.7	6.7	5.3	4.3
Rated speed (RPM)	167	133	100	66.7	53.3	33	26.7	21.3	13.3	10.7	8.5	5.3	4.3	3.4
Rated load (Kg.cm)	0.03	0.03	0.04	0.1	0.1	0.10	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.75

10JA075K-xxxG/ 10ZYT20-09-114

Gear Ratio	24	30	40	60	75	120	150	188	300	375	469	750	938	1172
No-load speed (RPM)	475	380	285	190.0	152.0	95	76.0	60.6	38.0	30.4	24.3	15.2	12.2	9.7
Rated speed (RPM)	330	264	198	131.8	105.5	66	52.7	42.1	26.4	21.1	16.9	10.5	8.4	6.7
Rated load (Kg.cm)	0.04	0.05	0.06	0.1	0.11	0.15	0.2	0.24	0.35	0.43	0.54	0.75	0.75	0.75

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