ϕ20mm

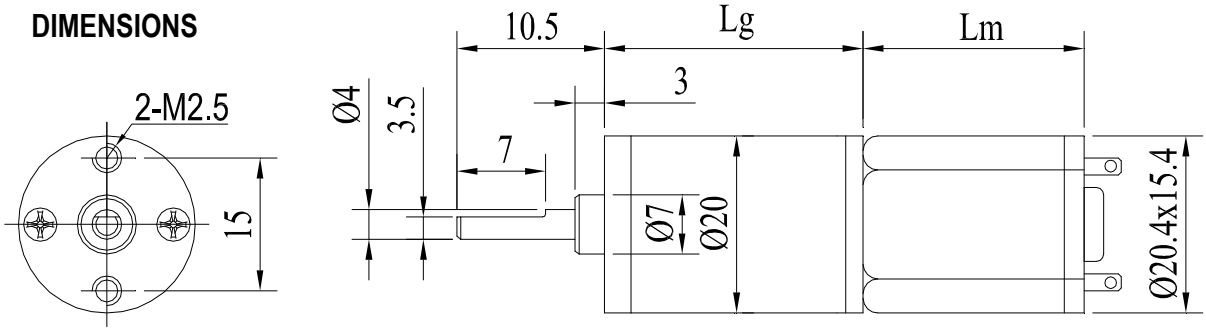
SPUR GEAR HEAD (正齿轮箱) w/

20ZYT 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
	25	31.3	4	66	0.5	1	16
	63	78	5	59	1	2	17.5
125	156	195	6	53	1.5	3	19
250	391	488	7	48	2	4	20.5

- **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
20ZYT25-06-48	6	0.03	4800	0.120	3800	8.5	0.331	44	20.4	25.1
20ZYT25-06-73	6	0.08	7320	0.290	5850	12	0.720	65	20.4	25.1
20ZYT32-06-68	6	0.12	6820	0.430	5270	20	1.082	115	20.4	32.1
20ZYT32-12-65	12	0.028	6500	0.120	5300	7.5	0.408	82	20.4	32.1

- **GEAR MOTOR SPECIFICATIONS**

20JA2K-xxxG/ 20ZYT25-06-48

Gear Ratio	25	31.3	62.5	78.1	125	156.3	195.3	250	390.6	488.3
No-load speed (RPM)	192	153	77	61.5	38	30.7	24.6	19.2	12.3	9.8
Rated speed (RPM)	152	121	61	48.7	30	24.3	19.5	15.2	9.7	7.8
Rated load (Kg.cm)	0.14	0.18	0.31	0.39	0.56	0.70	0.88	1.02	1.59	1.99

20JA2K-xxxG/ 20ZYT25-06-73

Gear Ratio	25	31.3	62.5	78.1	125	156.3	195.3	250	390.6	488.3
No-load speed (RPM)	293	234	117	93.7	59	46.8	37.5	29.3	18.7	15.0
Rated speed (RPM)	234	187	94	74.9	47	37.4	30.0	23.4	15.0	12.0
Rated load (Kg.cm)	0.20	0.25	0.44	0.6	0.80	1.0	1.24	1.44	2.00	2.00

20JA2K-xxxG/ 20ZYT32-06-68

Gear Ratio	25	31.3	62.5	78.1	125	156.3	195.3	250	390.6	488.3
No-load speed (RPM)	273	218	109	87.3	55	43.6	34.9	27.3	17.5	14.0
Rated speed (RPM)	211	168	84	67.5	42	33.7	27.0	21.1	13.5	10.8
Rated load (Kg.cm)	0.33	0.41	0.74	0.9	1.33	1.5	1.5	2.0	2.0	2.0

20JA2K-xxxG/ 20ZYT32-12-65

Gear Ratio	25	31.3	62.5	78.1	125	156.3	195.3	250	390.6	488.3
No-load speed (RPM)	260	208	104	83.2	52	41.6	33.3	26.0	16.6	13.3
Rated speed (RPM)	212	169	85	67.9	42	33.9	27.1	21.2	13.6	10.9
Rated load (Kg.cm)	0.12	0.15	0.28	0.3	0.50	0.6	0.78	0.90	1.41	1.76

3283-H De La Cruz Blvd. Santa Clara, CA95054. Tel: 408-980-9822, Fax: 408-980-1860, www.sei-automation.com