

直流减速电机
DC Gear Motor
VDM 系列产品 -VDM07



电机参数 /Motor Data

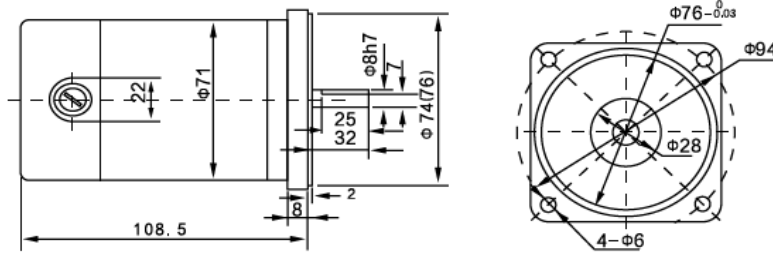
型号 Model	电压 Voltage	功率 Power	负载参数 Load Parameters			电刷寿命 Brush life	电机重量 Motor Weight
			转速 Speed	力矩 Torque	电流 Current		
	V	W	RPM	kg.cm	A	H	kg
VDM-07SP VDM-07SGN(U)	12	30	1800	1.62	4.2	2000	
	24	30	1800	1.62	2.1	2000	
	90	30	1800	1.62	1.05	2000	
VDM-07SP VDM-07SGN(U)	12	60	3200	1.83	8.4	2000	
	24	60	3200	1.83	4.2	2000	
	90	60	3200	1.83	2.1	2000	

齿轮箱允许力矩 /Allowable Torque on Gearbox

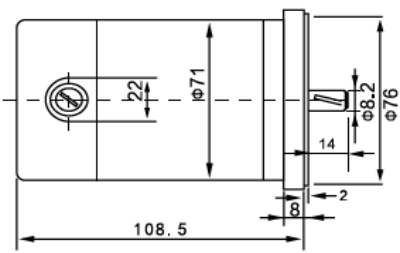
型号 Model	转速 Speed	减速比 Gear Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40
VDM-07SGN	rpm	输出轴转速 Output Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45
	1800	允许力矩 Allowable Torque	N.m	0.386	0.462	0.642	0.771	0.964	1.156	1.285	1.607	1.928	2.313	2.571	2.896	3.477	4.17	4.635
			kgf.cm	3.94	4.72	6.56	7.87	9.84	11.80	13.12	16.40	19.68	23.61	26.24	29.56	35.48	42.57	47.30
VDM-07SGN	rpm	输出轴转速 Output Speed	r/min	1067	888	640	533	426	355	320	256	213	178	160	128	106	88.80	80
	3200	允许力矩 Allowable Torque	N.m	0.436	0.523	0.726	0.871	1.089	1.307	1.452	1.816	2.178	2.614	2.904	3.273	3.926	4.712	5.236
			kgf.cm	4.45	5.34	7.41	8.89	11.12	13.34	14.82	18.53	22.23	26.68	29.64	33.40	40.07	48.09	53.43
VDM-07SGN	rpm	输出轴转速 Output Speed	r/min	36	30	24	20	18	15	12	10	9	7.2	6	5	4.5	3.6	
	1800	允许力矩 Allowable Torque	N.m	5.794	6.953	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	
			kgf.cm	59.13	70.95	80	80	80	80	80	80	80	80	80	80	80	80	
VDM-07SGN	rpm	输出轴转速 Output Speed	r/min	64	53	42.6	35.50	32	26.60	21.30	17.70	16.16	12.80	10.60	8.90	8.0	6.4	
	3200	允许力矩 Allowable Torque	N.m	6.546	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	7.84	
			kgf.cm	66.80	80	80	80	80	80	80	80	80	80	80	80	80	80	

电机外形图 /Size Of Motor Part

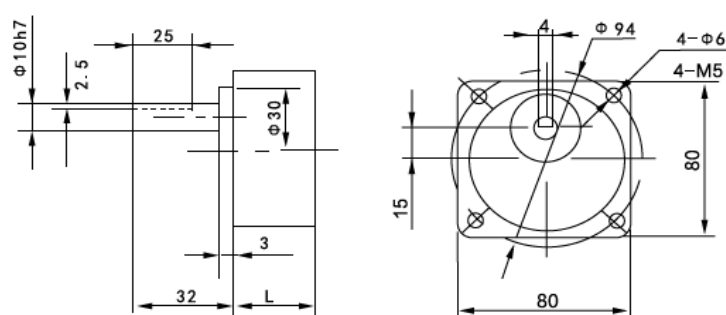
VDM -07SP



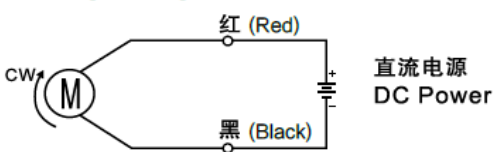
VDM -07SGN



齿轮箱外形图 /Size Of Gearbox



电机接线图 /Wiring Diagram



齿轮箱 Gearbox	速比 Gear Ratio	尺寸 L(mm)
80JB	1/3~1/20	32
	1/25~1/500	42