

直流减速电机

DC Gear Motor

VDM 系列产品 -VDM05



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-05SP	12	10	1800	0.54	1.45	2000	
VDM-05SGN(U)	24	10	1800	0.54	2.25	2000	
VDM-05SP	12	15	3200	0.81	2.1	2000	
VDM-05SGN(U)	24	15	3200	0.81	1.05	2000	

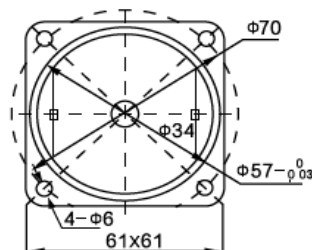
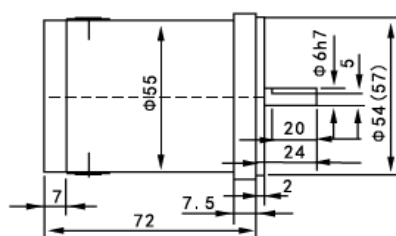
齿轮箱允许力矩 / Allowable Torque on Gearbox

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-05SGN	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	0.128	0.154	2.146	0.257	0.321	0.386	0.428	0.536	0.643	0.771	0.857	0.965	1.159	1.386	1.545
			kgf.cm	1.31	1.57	2.19	2.62	3.28	3.93	4.37	5.47	6.56	7.87	8.75	9.85	11.83	14.15	15.77
VDM-05SGN	rpm	输出轴转速 Output Speed	r/min	1067	888.8	640	533.3	426	355.5	320	256	213	177.77	160	128	106	88.80	80
	3200	允许力矩 Allowable Torque	N·m	0.193	0.231	0.231	0.385	0.482	0.578	0.643	0.803	0.964	1.156	1.287	1.448	1.737	2.085	2.318
			kgf.cm	1.97	2.36	3.28	3.93	4.92	5.90	6.56	8.20	9.84	11.80	13.13	14.78	17.73	21.28	23.65

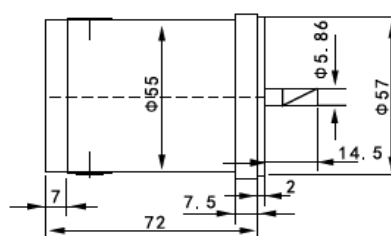
型号 Model	转速 Speed	减速比 Gear Ratio		50	60	75	90	100	120	150	180	200	250	300
VDM-05SGN	rpm	输出轴转速 Output Speed	r/min	36	30	24	20	18	15	12	10	9	7.2	6
	1800	允许力矩 Allowable Torque	N·m	1.93	2.317	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
			kgf.cm	19.71	23.65	25	25	25	25	25	25	25	25	25
VDM-05SGN	rpm	输出轴转速 Output Speed	r/min	64	53	42.6	35.50	32	26.60	21.33	17.77	16.0	12.80	10.60
	3200	允许力矩 Allowable Torque	N·m	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
			kgf.cm	25	25	25	25	25	25	25	25	25	25	25

电机外形图 / Size Of Motor Part

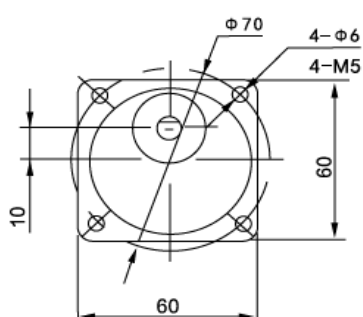
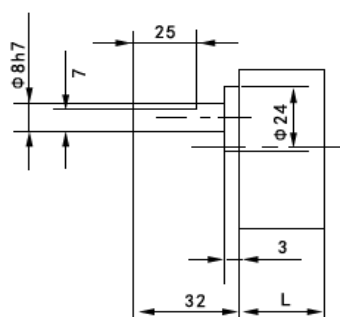
VDM -05SP



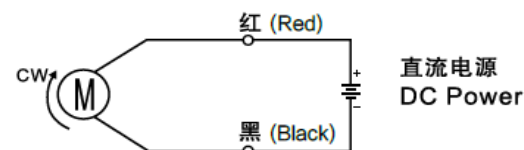
VDM -05SGN (U)



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)
60JB	1/3~1/20	32
	1/25~1/500	42