

直流减速电机

DC Gear Motor

VDM 系列产品 -VDM10



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-10SP	12	65	1800	3.50	9.0	2000	
VDM-10RP	24	65	1800	3.50	4.5	2000	
VDM-10SGN(U)	90	65	1800	3.50	1.2	2000	
	180	65	1800	3.50	0.6	2000	
VDM-10SP	12	120	3200	3.66	16.8	2000	
VDM-10RP	24	120	3200	3.66	8.4	2000	
VDM-10SGN(U)	90	120	3200	3.66	2.2	2000	
	180	120	3200	3.66	1.1	2000	

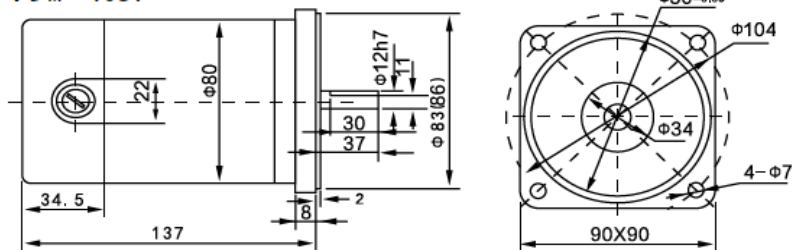
齿轮箱允许力矩 / Allowable Torque on Gearbox

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-10SGN	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	0.833	0.999	1.389	1.672	2.083	2.5	2.778	3.472	4.166	5.0	5.556	6.26	7.511	9.60	10.01
			kgf.cm	8.505	10.20	14.175	17.01	21.26	25.51	28.35	35.43	42.52	51.03	56.70	63.875	76.65	91.98	102.2
VDM-10SGN	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	0.871	1.045	1.452	1.742	2.178	2.614	2.905	3.63	4.357	5.229	5.81	6.55	7.85	9.425	10.47
			kgf.cm	8.89	10.67	14.82	17.78	22.23	26.68	29.65	37.05	44.46	53.36	59.29	66.79	80.15	96.18	106.87

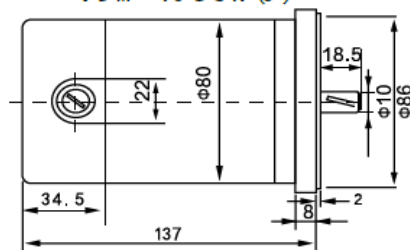
型号 Model	转速 Speed	减速比 Gear Ratio		50	60	75	90	100	120	150	180	200	250	300	360	400	500
VDM-10SGN	rpm	输出轴转速 Output Speed	r/min	36	30	24	20	18	15	12	10	9	7.2	6	5	4.5	3.6
	1800	允许力矩 Allowable Torque	N·m	12.50	15	18.75	22.5	24.5	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
			kgf.cm	127.75	153.3	191.2	229.5	250	250	250	250	250	250	250	250	250	250
VDM-10SGN	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	13.09	15.70	17.75	21.30	23.67	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
			kgf.cm	133.6	160.30	181.1	217.4	241.5	250	250	250	250	250	250	250	250	250

电机外形图 / Size Of Motor Part

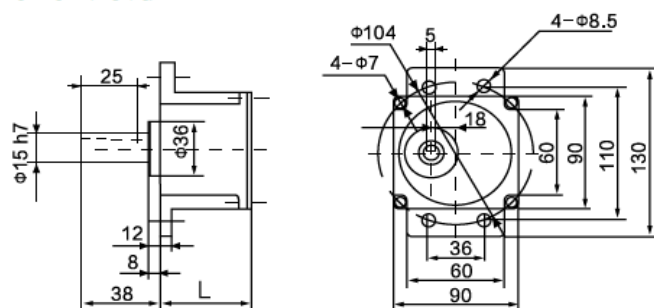
VDM -10SP



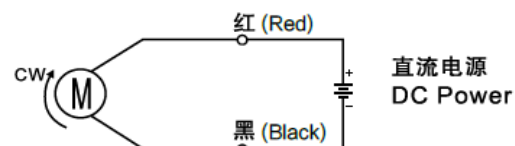
VDM -10SGN (U)



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)
90JB	1/3~1/20	43
	1/25~1/500	65