

直流减速电机

DC Gear Motor

VDM 系列产品 -VDM12



电机参数 / Motor Data

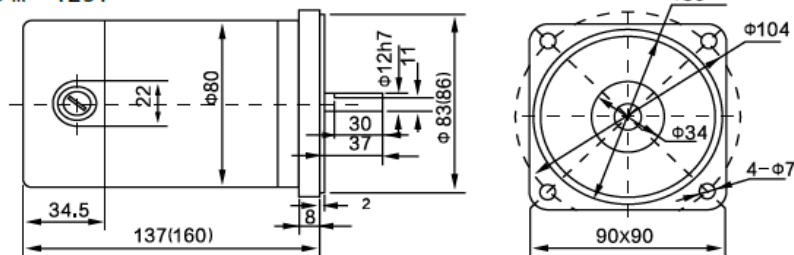
型号 Model	电压 Voltage	功率 Power	负载参数 Load Parameters			电刷寿命 Brush life	电机重量 Motor Weight
			转速 Speed	力矩 Torque	电流 Current		
	V	W	RPM	kg.cm	A	H	kg
VDM-12SP VDM-12SGN(U)	12	100	1800	7.00	13.8	2000	
	24	100	1800	7.00	7.0	2000	
	90	100	1800	7.00	1.85	2000	
	180	100	1800	7.00	0.92	2000	
VDM-12SP VDM-12SGN(U)	12	200	3200	6.40	27.6	2000	
	24	200	3200	6.40	13.8	2000	
	90	200	3200	6.40	3.7	2000	
	180	200	3200	6.40	1.65	2000	

齿轮箱允许力矩 / Allowable Torque on Gearbox

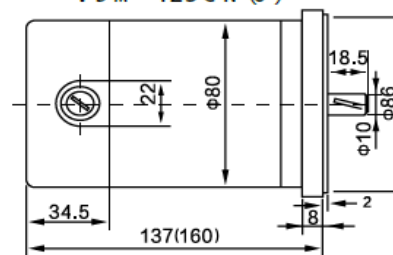
型号 Model	转速	减速比 Gear Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40
VDM-12SGN	rpm	输出轴转速 Output Speed	r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45
	1800	允许力矩 Allowable Torque	N·m	1.667	2.00	2.778	3.333	4.166	5.00	5.55	6.945	8.33	10.50	11.11	12.51	15.02	18.02	20.03
			kgf.cm	17.01	20.41	28.35	34.02	42.52	51.03	56.70	70.875	85.05	102.06	113.40	127.7	153.3	183.96	204.4
VDM-12SGN	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	1.524	1.828	2.54	3.05	3.81	4.572	5.08	6.35	7.62	9.14	10.16	11.44	13.73	16.48	18.31
			kgf.cm	15.55	18.66	25.92	31.10	38.88	46.656	51.84	64.80	77.76	93.31	103.68	116.80	140.16	168.19	186.52
VDM-12SGN	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	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
			kgf.cm	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
VDM-12SGN	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	22.89	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
			kgf.cm	233.60	250	250	250	250	250	250	250	250	250	250	250	250	250	250

电机外形图 / Size Of Motor Part

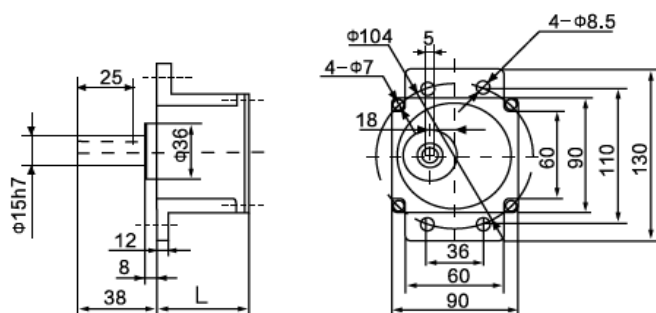
VDM -12SP



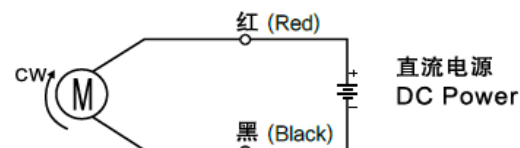
VDM -12SGN (U)



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