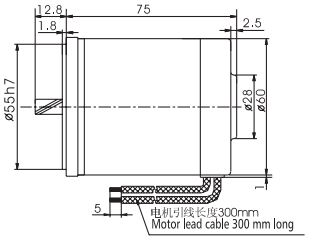
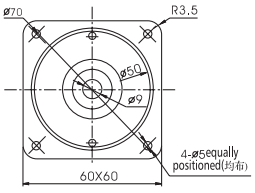
电机外形尺寸 Motor Overall Dimension



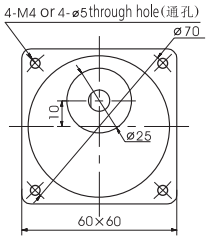


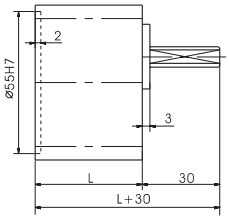
直流电机 DC Motor 6-10W

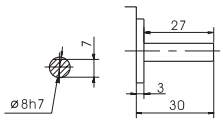
电机性能参数 Motor Performance Parameters

型号 Model	电压 Voltage	功率 Power	空载参数 No-load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life	电机重量 Motor Weight	备注 Remarks
			转速 Speed	电流 Current	转速 Speed	力矩 Torque	电流 Current			
	V	W	RPM	A	RPM	kg.cm	A	H	kg	
Z2D06-12 □	12	6	3200	0.6	2950	0.2	0.8	2000	0.6	
Z2D06-24 □	24	6	3200	0.3	2950	0.2	0.5	2000	0.6	
Z2D06-90 □	90	6	3000	0.2	2800	0.2	0.3	2000	0.6	
Z2D10-12 □	12	10	3200	1.0	2800	0.35	2.0	2000	0.7	
Z2D10-24 □	24	10	3300	0.5	3000	0.35	0.9	2000	0.7	
Z2D10-90 □	90	10	3200	0.3	2800	0.35	0.6	2000	0.7	

齿轮箱外形尺寸 Overall Dimension of Gearbox







齿轮箱输出轴详细尺寸
Detailed gearbox output shaft dimension

	速比 Reduction Ratio	尺寸 L(mm)	质量(kg)
齿轮箱 Gearbox	2GN3K-GN18K	32	0.24
	2GN20K-GN50K	42	0.30
	2GN60K-GN200K		0.33

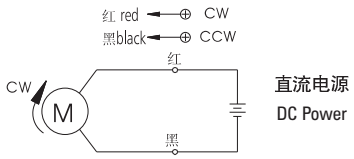
齿轮箱允许力矩 Allowable Torque on Gearbox

齿轮箱型式 Model of Gearbox: 2GN □K

型号 Mode	减速比 Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60
Z2D06-24 □ Z2D10-24 □	输出轴转速 Output Shaft Speed	r/min	1067	889	640	533	427	356	320	256	213	178	160	128	107	89	80	64	53
	允许力矩 Allowable Torque	N.m	0.04	0.05	0.07	0.09	0.11	0.13	0.15	0.18	0.22	0.26	0.26	0.33	0.39	0.47	0.52	0.65	0.71
		kgf.cm	0.44	0.53	0.74	0.89	1.11	1.33	1.48	1.85	2.22	2.66	2.68	3.33	4.00	4.80	5.34	6.67	7.24

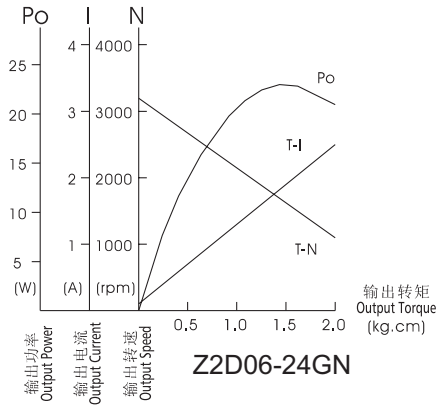
齿轮箱型式 Model of Gearbox: 2GN □K

型号 Mode	减速比 Reduction Ratio		75	90	100	120	150	180	200
Z2D06-24 □ Z2D10-24 □	输出轴转速 Output Shaft Speed	r/min	43	36	32	27	21	18	16
	允许力矩 Allowable Torque	N.m	0.89	1.06	1.18	1.42	1.77	2.13	2.36
		kgf.cm	9.04	10.85	12.06	14.47	18.09	21.71	24.12

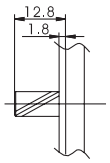
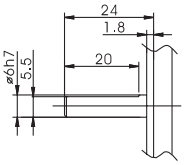


电机接线图 Wiring Diagram of Motor

电机特性曲线 Characteristic Curve of Motor



Z2D06-24GN

光电机出轴尺寸 Bare Motor Output Shaft Dimension

光电机 Motor	齿轴 Gear Shaft Z2D06- □ GN Z2D10- □ GN	铣扁 Flat type Z2D06- □ A Z2D10- □ A
出轴型式及尺寸 Output Shaft Type and Dimension