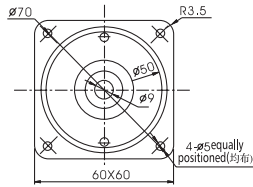
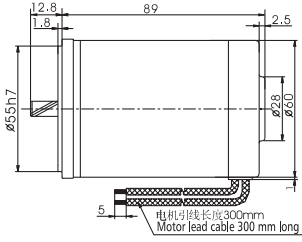


电机外形尺寸 Motor Overall Dimension

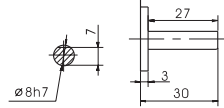
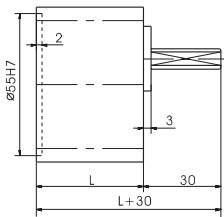
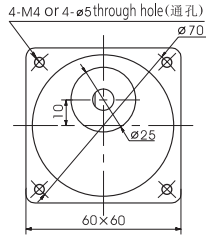
直流电机 DC Motor 15W



电机性能参数 Motor Performance Parameters

型号 Model	电压 Voltage V	功率 Power W	空载参数 No-load Parameters		负载参数 Load Parameters			电刷寿命 Brush Life H	电机重量 Motor Weight kg	备注 Remarks
			转速 Speed RPM	电流 Current A	转速 Speed RPM	力矩 Torque kg.cm	电流 Current A			
Z2D15-12	12	15	3200	0.8	2950	0.5	2.0	2000	0.9	
Z2D15-24	24	15	3300	0.4	3000	0.5	1.0	2000	0.9	
Z2D15-90	90	15	3200	0.2	3000	0.5	0.4	2000	0.9	

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

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

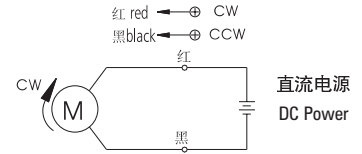
齿轮箱允许力矩 Allowable Torque on Gearbox

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
Z2D15-24	输出轴转速 Output Shaft Speed	r/min	1100	917	660	550	440	367	330	264	220	183	165	132	110	92	83	66	55
	允许力矩 Allowable Torque	N.m	0.11	0.13	0.176	0.21	0.26	0.32	0.35	0.44	0.53	0.63	0.63	0.73	0.95	1.14	1.27	1.59	1.72
	Allowable Torque	kgf.cm	1.08	1.29	1.79	2.15	2.69	3.23	3.59	4.48	5.38	6.46	6.47	8.08	9.70	11.64	12.93	16.17	17.54

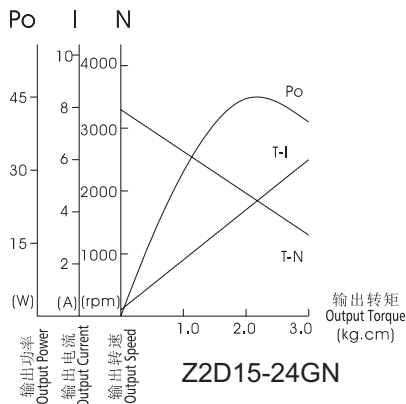
齿轮箱型式 Model of Gearbox: 2GN □ K

型号 Mode	减速比 Reduction Ratio		75	90	100	120	150	180	200
Z2D15-24	输出轴转速 Output Shaft Speed	r/min	44	37	33	28	22	18	17
	允许力矩 Allowable Torque	N.m	2.15	2.58	2.87	2.94	2.94	2.94	2.94
	Allowable Torque	kgf.cm	21.93	26.31	29.23	30.0	30.0	30.0	30.0



电机接线图 Wiring Diagram of Motor

电机特性曲线 Characteristic Curve of Motor



光电机出轴尺寸 Bare Motor Output Shaft Dimension

光电机 Motor	齿轴 Gear Shaft Z2D15- □ GN	铣扁 Flat type Z2D15- □ A
出轴型式及尺寸 Output Shaft Type and Dimension		