



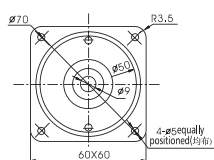
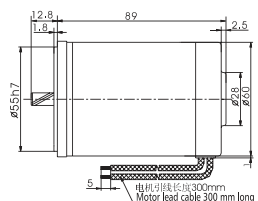
DC Motor 15W

Motor Performance Parameters

Model	Voltage	Power	No-load Parameters		Load Parameters			Brush Life	Motor Weight
			Speed	Current	Speed	Torque	Current		
	v	w	r/min	A	r/min	mN.m	A	H	kg
Z2D15-12 □	12	15	3200	0.8	2950	48	2.0	2000	0.9
Z2D15-24 □	24	15	3300	0.4	3000	48	1.0	2000	0.9
Z2D15-90 □	90	15	3200	0.2	3000	48	0.4	2000	0.9

* Note: It's only typical technical data, special requirement can be customized.

Motor Dimension

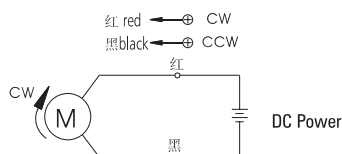


Gearbox Torque and Speed

Model of Gearbox: 2GN□K

Model	Reduction Ratio		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
Z2D15-24 □	Output Shaft Speed	r/min	1100	917	660	550	440	367	330	264	220	183	165	132	110	92	83	66	55	44	37	33	28	22	18	17
	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	2.15	2.58	2.87	2.94	2.94	2.94	2.94
		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	21.93	26.31	29.23	30.0	30.0	30.0	30.0

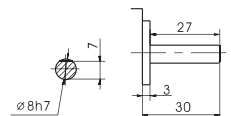
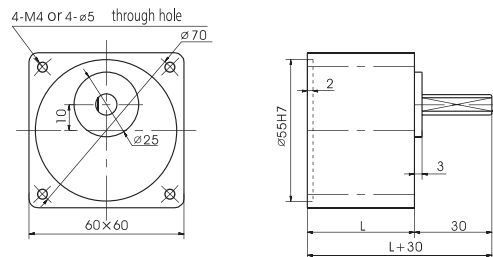
Wiring Diagram



Bare Motor Output Shaft Dimension

Model	Gear Shaft Z2D15-□GN	Flat type Z2D15-□A
Output Shaft Type and Dimension		

Gearbox Dimension



Detailed gearbox output shaft dimension

	Reduction Ratio	L(mm)	Q(kg)
Gearbox	2GN3K-GN18K	32	0.24
	2GN20K-GN50K	42	0.30
	2GN60K-GN200K		0.33

Characteristic Curve

