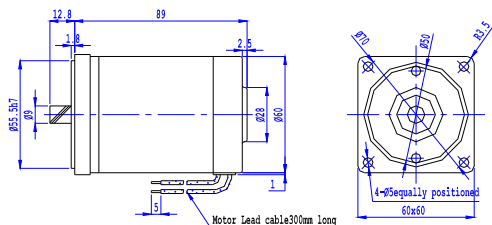


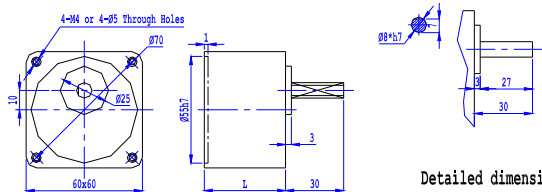
Motor Overall Dimension :



Motor Performance Parameters

Model	Voltage (V)	Power (W)	No-load Parameters		load Parameters			Brush Life (H)	Motor Weight (kg)	Remarks
			Speed (RPM)	Current (A)	Speed (RPM)	Torque (kgf.cm)	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	

Overall Dimension of Gearbox



Detailed dimensions of gearbox output spindle

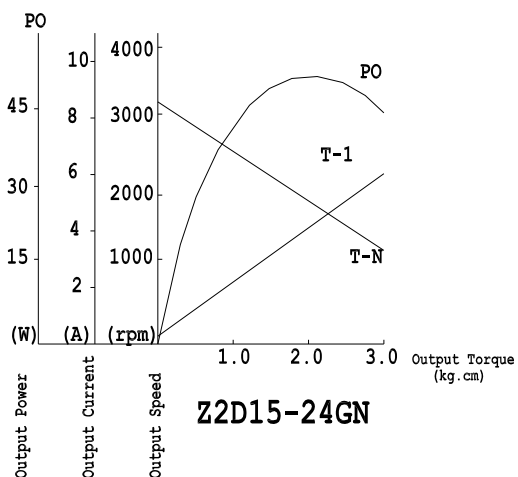
Gearbox	Gear Ratio	Length L(mm)	G.W. (Kgs)
Gearbox	1:3 ~ 1:18	32	0.24
	1:20 ~ 1:50	42	0.30
	1:60 ~ 1:200		0.33

Allowable Torque on Gearbox

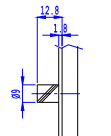
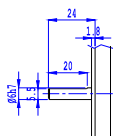
Model of Gearbox: 2GN □ K

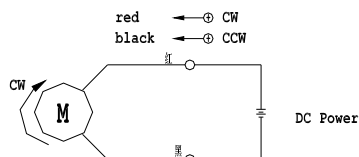
Model	Gear Ratio	Output Speed (RPM)	Permitted Torque																							
			N.m	kgf.cm	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
Z2D06-24□	Output Speed	RPM	1100	917	660	550	440	367	330	264	220	183	165	132	110	92	83	66	55	44	37	33	28	22	18	17
Z2D10-24□	Permitted	N.m	0.11	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
	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	21.93	26.31	29.23	30.0	30.0	30.0	30.0

Characteristic Curve of Motor



Bare Motor Output Shaft Dimension

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



Wiring Diagram of Motor

Induction Motor