



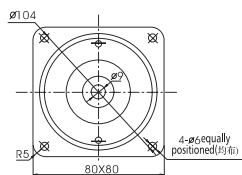
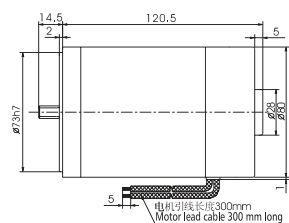
# DC Motor 40W

## Motor Performance Parameters

Model	Voltage v	Power w	No-load Parameters		Load Parameters			Brush Life H	Motor Weight kg
			Speed r/min	Current A	Speed r/min	Torque mN.m	Current A		
Z4D40-12 □	12	40	3100	2.0	2800	136	5.2	2000	1.8
Z4D40-24 □	24	40	3100	0.8	3000	127	2.1	2000	1.8
Z4D40-90 □	90	40	3200	0.3	3000	127	0.7	2000	1.8

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

## Motor Dimension

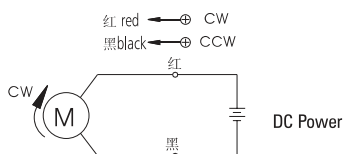


## Gearbox Torque and Speed

Model of Gearbox: 2GN□K

Model	Reduction Ratio	r/min	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
			Z4D40-24 □	Output Shaft Speed	1033	861	620	517	413	344	310	248	207	172	155	124	103	86	78	62	52	41	34	31	26	21
	Allowable Torque	N.m	0.30	0.36	0.50	0.60	0.75	0.90	1.00	1.25	1.50	1.80	2.00	2.25	2.70	3.24	3.60	4.50	4.88	6.10	7.32	8.13	9.76	9.8	9.8	9.8
		kgf.cm	3.06	3.67	5.09	6.1	7.64	9.17	10.2	12.73	15.28	18.33	20.36	22.95	27.54	33.04	36.71	45.90	49.80	62.24	74.69	80.00	80.00	80.00	80.00	80.00

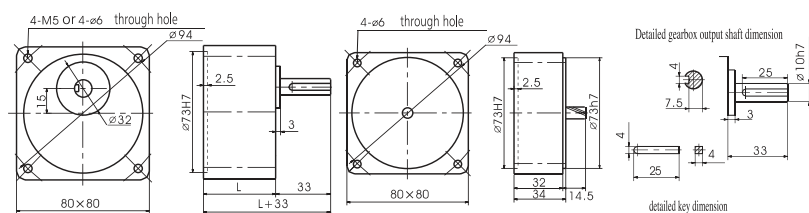
## Wiring Diagram



## Bare Motor Output Shaft Dimension

Model	Gear Shaft Z4D40-□GN	Flat type Z4D40-□A
Output Shaft Type and Dimension		

## Gearbox Dimension



	Reduction Ratio	L(mm)	Q(kg)
Gearbox	5GN3K-GN18K	32	0.43
	5GN20K-GN36K	43.5	0.57
	5GN40K-GN200K		0.61
Intermediate Gearbox	4GN10X	32	0.43

## Characteristic Curve

