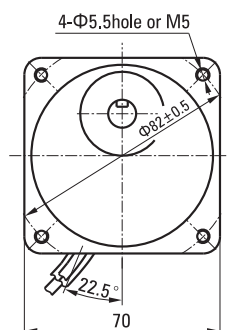




直流减速电机

DC GEAR MOTOR

Technical drawing of the motor terminal box (Figure 1) showing dimensions in mm. The drawing includes a side view and a cross-sectional view. Key dimensions include: total length 101, distance from mounting flange to center of terminal box 42, terminal box width 30, mounting flange thickness 3, terminal box depth 25, distance from mounting flange to terminal box center 7.5, terminal box outer diameter $\Phi 10^{0}_{-0.015} (h7)$, mounting flange outer diameter $\Phi 25$, and mounting flange thickness 15. A note indicates the motor lead wire is 300mm $\pm$ 10, UL Style 1015, AWG20.



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
			转速Speed	电流Current	转速Speed	力矩Torque	电流Current		
	V	W	r/min	A	r/min	mN.m	A	H	kg
3D25-12 □	12	25	2300	1.0Max.	2000	80	3.5	2000	1.0
3D25-24 □	24	25	2200	0.5Max.	1800	85	1.6	2000	1.0
3D25-90 □	90	25	2100	0.3Max.	1700	88	0.6	2000	1.0
3D40-12 □	12	40	2300	1.6Max.	2000	80	4.5	2000	1.0
3D40-24 □	24	40	2200	0.8Max.	1800	85	1.8	2000	1.0
3D40-90 □	90	40	2100	0.5Max.	1700	88	0.6	2000	1.0

► Allowance Torque Unit: Upside (N.m)/Belowside (kgf.cm)

型号 Type	减速比 Gear 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
	转速 Speed r/min	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
3D25-24GN	3GN□K	0.21	0.25	0.35	0.41	0.52	0.62	0.69	0.86	1.04	1.24	1.24	1.55	1.86	2.24	2.49	3.11	3.73	4.66	5.00	5.00	5.00	5.00	5.00	5.00
		2.03	2.44	3.38	4.06	5.08	6.09	6.77	8.46	10.2	12.2	12.2	15.2	18.3	21.9	24.4	30.5	36.6	45.7	50.0	50.0	50.0	50.0	50.0	50.0
3D40-24GN	3GN□K	0.25	0.3	0.42	0.49	0.62	0.74	0.83	1.03	1.25	1.49	1.49	1.86	2.23	2.69	2.99	3.73	4.48	5.00	5.00	5.00	5.00	5.00	5.00	5.00
		2.44	2.93	4.06	4.87	6.10	7.31	8.12	10.15	12.24	14.64	14.64	18.24	21.96	26.28	29.28	36.60	43.90	50.00	50.00	50.00	50.00	50.00	50.00	50.00

- Motor wiring diagram

