

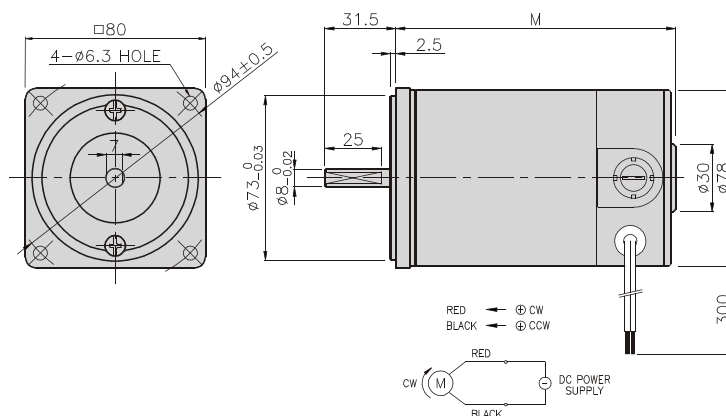
DC MOTORS

25W
~40W

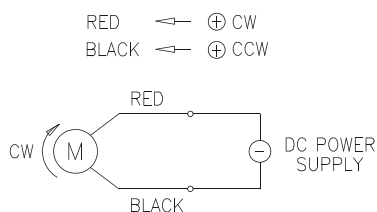
□80mm

DIMENSIONS

K8DS□N□



CONNECTION DIAGRAMS



DIMENSION TABLE

M	MOTOR
73	K6D□ 6N□
88	K6D□ 15N□

SPECIFICATIONS

Model	Output (W)	Voltage (V)	RATED			Starting Torque (kgf*cm)	Starting Current (A)
			Speed (rpm)	Torque (kgf*cm)	Current (A)		
K8D□25N1	25	12	3100	0,786	3,3	15,5	48
K8D□25N2		24	2900	0,840	1,9	18	29
K8D□25N3		90	3000	0,815	0,35	21,5	10
K8D□40N1	40	12	3000	1,3	4,8	15	47
K8D□40N2		24	3000		1,9	23	37
K8D□40N3		90	3000		0,6	24	11,5

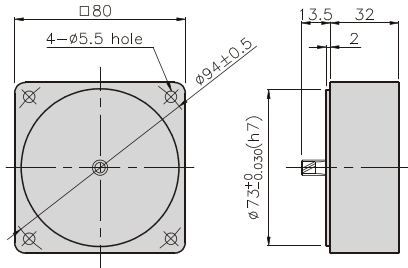
* □ : SHAFT SHAPE (S : STRAIGHT, G : PINION)

GEARHEAD

DIMENSIONS

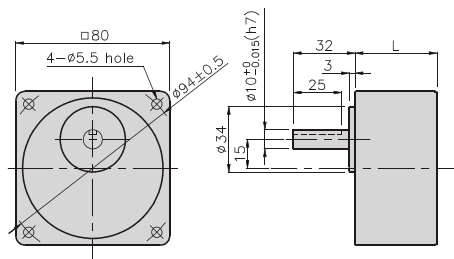
DECIMAL GEARHEAD

K8G10BX



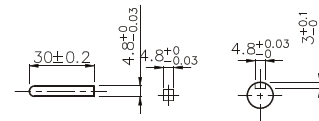
GEAR HEAD

K8G□B(C)

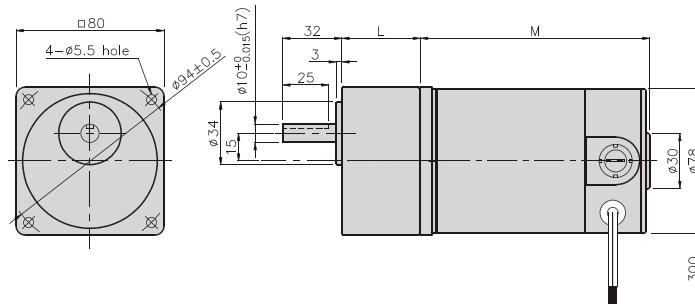


• KEY

• KEY GROOVE



K8DG□N□ + K8G□B(C)



DIMENSION TABLE

L	Application Model
32	K8G3~ 20B(C)
42.5	K8G25~ 250B(C)

RATED TORQUE OF GEARHEAD

● DC12V 25W

unit = above : N · m / below : kgfcm

Model	Speed (rpm)	1033	861	620	517	413	344	310	248	207	172	155	124	103	86	78	62	52	41	34	31	26	21	17	16	12
Motor/ Gear head	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	250
K8DG25N1 K8G□B(C)		0.19 1.9	0.23 2.3	0.32 3.2	0.38 3.8	0.48 4.8	0.57 5.7	0.64 6.4	0.80 8.0	0.95 9.5	1.15 11.5	1.15 11.5	1.43 14.3	1.72 17.2	2.06 20.6	2.29 22.9	2.58 25.8	3.09 30.9	3.87 38.7	4.64 46.4	5.16 51.6	6.19 61.9	7.74 77.4	8 80	8 80	8 80

● DC24V 40W

unit = above : N · m / below : kgfcm

Model	Speed (rpm)	967	806	580	483	387	322	290	232	193	161	145	116	97	81	73	58	48	39	32	29	24	19	16	15	12
Motor/ Gear head	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	250
K8DG25N2 K8G□B(C)		0.20 2.0	0.24 2.4	0.34 3.4	0.41 4.1	0.51 5.1	0.61 6.1	0.68 6.8	0.85 8.5	1.02 10.2	1.22 12.2	1.22 12.2	1.53 15.3	1.84 18.4	2.20 22.0	2.45 24.5	2.76 27.6	3.31 33.1	4.13 41.3	4.96 49.6	5.51 55.1	6.61 66.1	8 80	8 80	8 80	8 80

● DC90V 40W

unit = above : N · m / below : kgfcm

Model	Speed (rpm)	1000	833	600	500	400	333	300	240	200	167	150	120	100	83	75	60	50	40	33	30	25	20	17	15	12
Motor/ Gear head	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	250
K8DG25N3 K8G□B(C)		0.20 2.0	0.24 2.4	0.33 3.3	0.40 4.0	0.50 5.0	0.59 5.9	0.66 6.6	0.83 8.3	0.99 9.9	1.19 11.9	1.19 11.9	1.49 14.9	1.78 17.8	2.14 21.4	2.38 23.8	2.67 26.7	3.21 32.1	4.01 40.1	4.81 48.1	5.35 53.5	6.42 64.2	8 80	8 80	8 80	8 80

● DC12V, DC24V, DC90V 40W

unit = above : N · m / below : kgfcm

Model	Speed (rpm)	1000	833	600	500	400	333	300	240	200	167	150	120	100	83	75	60	50	40	33	30	25	20	17	15	12
Motor/ Gear head	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	250
K8DG40N□ K8G□B(C)		0.32 3.2	0.38 3.8	0.53 5.3	0.63 6.3	0.79 7.9	0.95 9.5	1.05 10.5	1.32 13.2	1.58 15.8	1.90 19.0	1.90 19.0	2.37 23.7	2.84 28.4	3.41 34.1	3.79 37.9	4.26 42.6	5.12 51.2	6.40 64.0	7.68 76.8	8 80	8 80	8 80	8 80	8 80	8 80