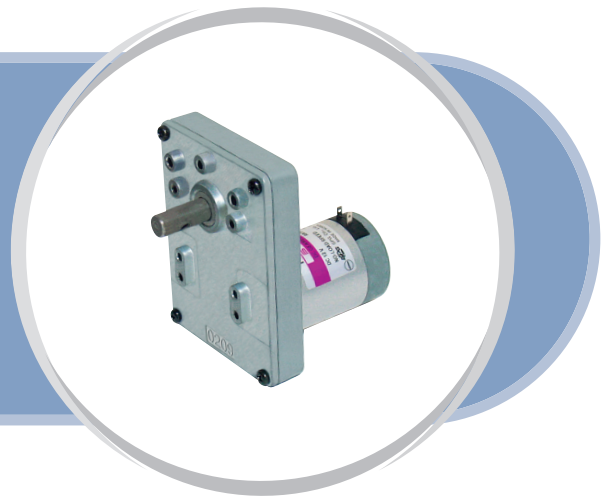
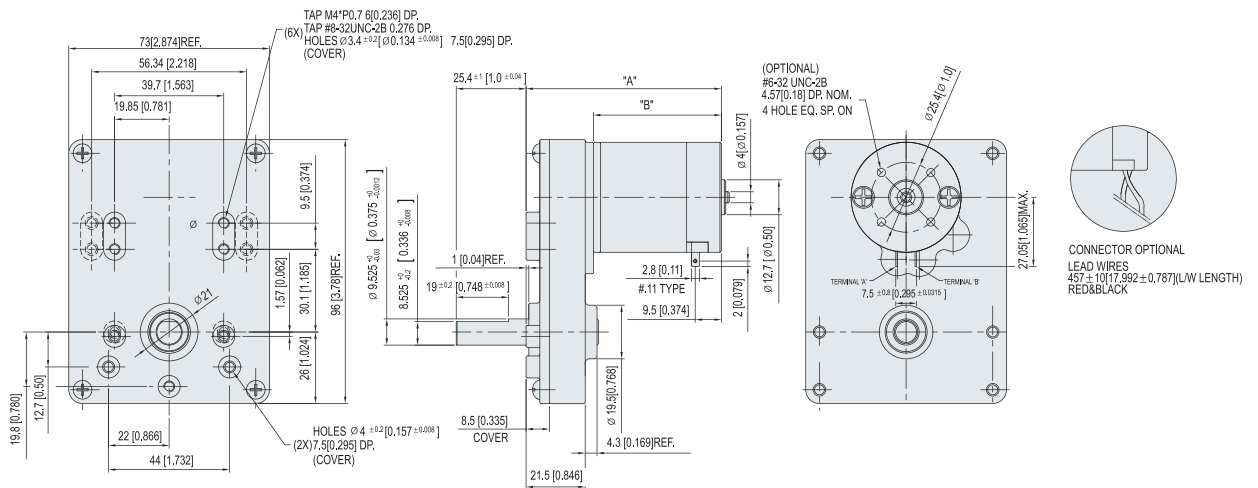


COMPACT TYPE SQ SERIES GEARED MOTOR



MOTOR DIMENSION

UNIT : mm[inch]



MODEL NO.	"A"	"B"
SQ42□□□□	70.9 [2.791]	46.4 [1.827]
SQ43□□□□	80.5 [3.169]	56.0 [2.205]
SQ44□□□□	85.6 [3.370]	61.1 [2.406]

MODEL NO.	"A"	"B"
SQ45□□□□	93.2 [3.669]	68.7 [2.705]
SQ46□□□□	102.1 [4.020]	77.6 [3.055]

PERMISSIBLE TORQUE OF GEAR BOX

(Voltage : DC 24V)

TYPE	GEAR RATIO	38.5	68.4	144	169	192.1	225	444	517.6	844.8	1240.2
SQ42B□□□□	No Load rpm	182.2	102.6	48.7	41.5	36.5	31.2	15.8	13.6	8.3	5.7
	N·m	0.44	0.78	1.65	1.93	2.20	2.57	4.57	5.33	8.69	12.76
	oz·in	62.3	110.7	233.1	273.5	311.0	364.1	646.7	754.1	1230.6	1806.6
	kgf·cm	4.49	7.98	16.80	19.71	22.41	26.24	46.60	54.34	88.68	130.19
SQ43B□□□□	No Load rpm	155.7	87.6	41.6	35.5	31.2	26.6	13.5	11.6	7.1	4.8
	N·m	0.91	1.61	3.39	3.98	4.53	5.30	9.42	10.98	14.21	14.21
	oz·in	128.5	228.3	480.7	564.2	641.2	751.2	1334.0	1555.2	2012.1	2012.1
	kgf·cm	9.26	16.45	34.64	40.66	46.21	54.13	96.13	112.07	145.00	145.00
SQ44B□□□□	No Load rpm	159.8	89.9	42.7	36.4	32.0	27.3	13.9	11.9	7.3	5.0
	N·m	1.18	2.10	4.42	5.19	5.90	6.91	12.28	14.21	14.21	14.21
	oz·in	167.5	297.5	626.4	735.2	835.7	978.7	1738.2	2012.1	2012.1	2012.1
	kgf·cm	12.07	21.44	45.14	52.98	60.22	70.53	125.26	145.00	145.00	145.00
SQ45B□□□□	No Load rpm	164.9	92.8	44.1	37.6	33.0	28.2	14.3	12.3	7.5	5.1
	N·m	1.35	2.39	5.04	5.92	6.72	7.88	13.99	14.21	14.21	14.21
	oz·in	190.8	339.0	713.8	837.7	952.2	1115.3	1980.8	2012.1	2012.1	2012.1
	kgf·cm	13.75	24.43	51.44	60.37	68.62	80.37	142.74	145.00	145.00	145.00
SQ46B□□□□	No Load rpm	127.7	71.9	34.1	34.1	25.6	21.8	11.1	9.5	5.8	4.0
	N·m	1.87	3.32	7.00	8.21	9.33	10.93	14.21	14.21	14.21	14.21
	oz·in	264.9	470.6	990.5	1162.6	1321.5	1547.8	2012.1	2012.1	2012.1	2012.1
	kgf·cm	19.09	33.91	71.38	83.78	95.23	111.54	145.00	145.00	145.00	145.00

※ Please contact our sales Department regarding other gear ratio.