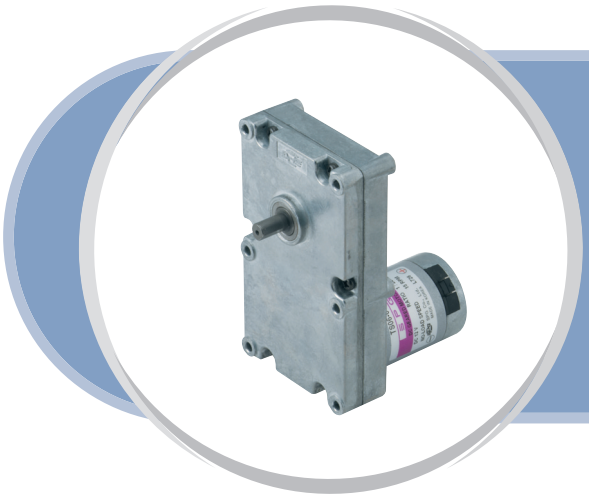
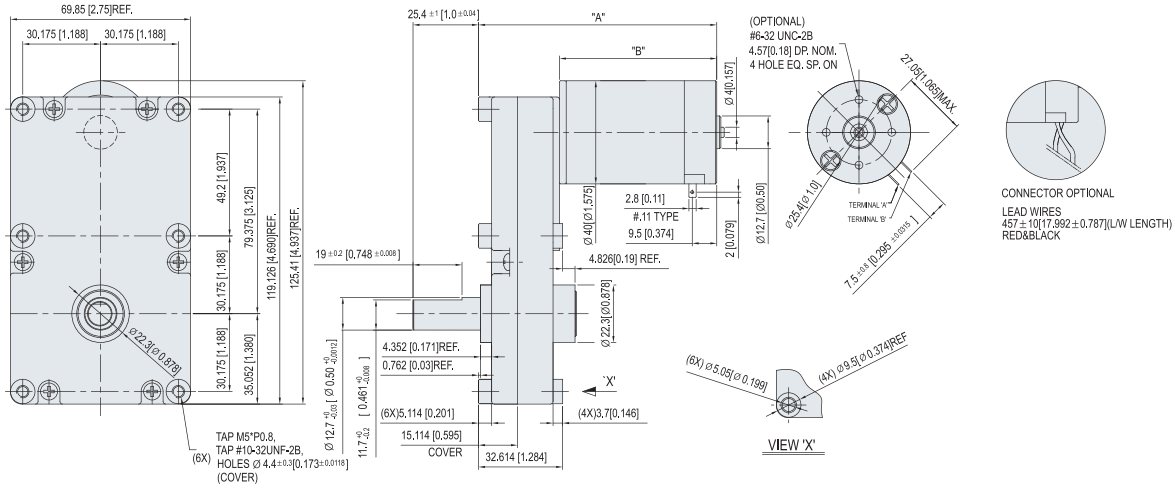


COMPACT TYPE

SG SERIES GEARED MOTOR

MOTOR DIMENSION

UNIT : mm[inch]



MODEL NO.	"A"	"B"
SG42□□□□	77.814 [3.064]	46.4 [1.827]
SG43□□□□	87.414 [3.441]	56.0 [2.205]
SG44□□□□	92.514 [3.642]	61.1 [2.406]

MODEL NO.	"A"	"B"
SG45□□□□	100.114 [3.941]	68.7 [2.705]
SG46□□□□	109.014 [4.292]	77.6 [3.055]

PERMISSIBLE TORQUE OF GEAR BOX

(Voltage : DC 24V)

TYPE	GEAR RATIO	395.7	1218.1	1412.5	1620.7	1709.9	3238.2
SG42B□□□	No Load rpm	17.7	5.8	5.0	4.3	4.1	2.2
	N-m	4.07	11.28	13.08	15.01	15.83	29.98
	oz-in	576.4	1596.9	1851.9	2124.8	2241.8	4245.2
	kgf · cm	41.54	115.08	133.45	153.12	161.55	305.92
SG43B□□□	No Load rpm	15.1	4.9	4.2	3.7	3.5	1.9
	N-m	8.40	23.26	26.97	30.95	32.65	33.81
	oz-in	1188.8	3293.8	3819.5	4382.4	4623.6	4787.5
	kgf · cm	85.67	237.36	275.24	315.81	333.19	345.00
SG44B□□□	No Load rpm	15.5	5.1	4.4	3.8	3.6	1.9
	N-m	10.94	30.31	33.81	33.81	33.81	33.81
	oz-in	1549.2	4292.0	4787.5	4787.5	4787.5	4787.5
	kgf · cm	111.64	309.29	345.00	345.00	345.00	345.00
SG45B□□□	No Load rpm	16.0	5.2	4.5	3.9	3.7	2.0
	N-m	12.47	33.81	33.81	33.81	33.81	33.81
	oz-in	1765.3	4787.5	4787.5	4787.5	4787.5	4787.5
	kgf · cm	127.21	345.00	345.00	345.00	345.00	345.00
SG46B□□□	No Load rpm	12.4	4.0	3.5	3.0	2.9	1.5
	N-m	17.30	33.81	33.81	33.81	33.81	33.81
	oz-in	2449.8	4787.5	4787.5	4787.5	4787.5	4787.5
	kgf · cm	176.54	345.00	345.00	345.00	345.00	345.00

※ Please contact our sales Department regarding other gear ratio.