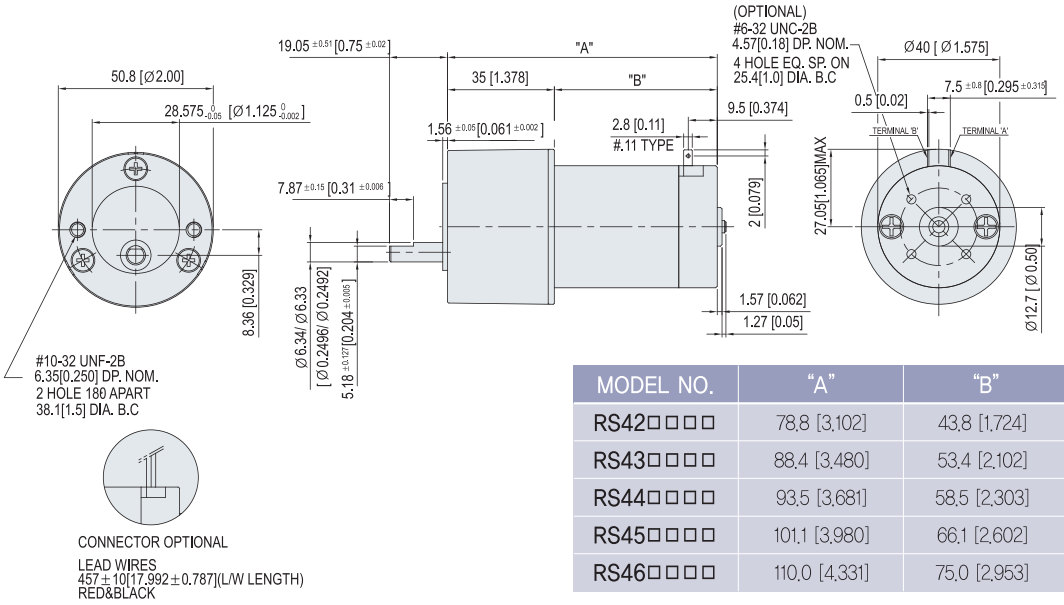
COMPACT TYPE

RS4 SERIES GEARED MOTOR



MOTOR DIMENSION

UNIT : mm[inch]



MODEL NO.	"A"	"B"	WEIGHT(kg)
RS42□□□□	78.8 [3.102]	43.8 [1.724]	0.39
RS43□□□□	88.4 [3.480]	53.4 [2.102]	0.43
RS44□□□□	93.5 [3.681]	58.5 [2.303]	0.50
RS45□□□□	101.1 [3.980]	66.1 [2.602]	0.54
RS46□□□□	110.0 [4.331]	75.0 [2.953]	0.58

PERMISSIBLE TORQUE OF GEAR BOX

TYPE	GEAR RATIO	5.9	11.5	19.7	38.3	65.5	127.8	218.4	425.9	728.1	1419.8
RS42□□□□	No Load rpm	1189	610	356	183	107	55	32	16	10	5
	N-m	0.07	0.15	0.23	0.44	0.67	1.31	2.02	2.12	2.12	2.12
	oz-in	10.6	20.7	31.9	62.0	95.4	186.2	286.3	299.7	299.7	299.7
	kgf · cm	0.76	1.49	2.30	4.47	6.88	13.42	20.63	21.60	21.60	21.60
RS43□□□□	No Load rpm	1016	521	304	156	91	47	27	14	8	4
	N-m	0.15	0.30	0.46	0.90	1.39	2.12	2.12	2.12	2.12	2.12
	oz-in	21.9	42.7	65.8	127.9	196.8	299.7	299.7	299.7	299.7	299.7
	kgf · cm	1.58	3.07	4.74	9.21	14.18	21.60	21.60	21.60	21.60	21.60
RS44□□□□	No Load rpm	1043	535	312	161	94	48	28	14	8	4
	N-m	0.20	0.39	0.61	1.18	1.81	2.12	2.12	2.12	2.12	2.12
	oz-in	28.5	55.6	85.7	166.6	256.4	299.7	299.7	299.7	299.7	299.7
	kgf · cm	2.05	4.01	6.18	12.01	18.48	21.60	21.60	21.60	21.60	21.60
RS45□□□□	No Load rpm	1076	552	322	166	97	50	29	15	9	4
	N-m	0.23	0.45	0.69	1.34	2.06	2.12	2.12	2.12	2.12	2.12
	oz-in	32.5	63.3	97.7	189.9	292.2	299.7	299.7	299.7	299.7	299.7
	kgf · cm	2.34	4.56	7.04	13.68	21.06	21.60	21.60	21.60	21.60	21.60
RS46□□□□	No Load rpm	833	427	250	128	75	38	23	12	7	3
	N-m	0.32	0.62	0.96	1.86	2.12	2.12	2.12	2.12	2.12	2.12
	oz-in	45.1	87.9	135.5	263.5	299.7	299.7	299.7	299.7	299.7	299.7
	kgf · cm	3.25	6.33	9.77	18.99	21.60	21.60	21.60	21.60	21.60	21.60

■ 회전방향은 ■색이 MOTOR의 회전방향과 동일방향이고, 기타는 MOTOR 회전방향과 반대방향 입니다.(■ Color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor. Others indicate rotation in the opposite direction.)

■ 회전수는 MOTOR의 무부하 회전수를 기준으로 하여 감속비로 나누어서 계산하였습니다.(No Load rpm equals Motor no load rpm divided by gear ratio. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.(The actual rotation speed is less 2-20% than the displayed value according to the load.)