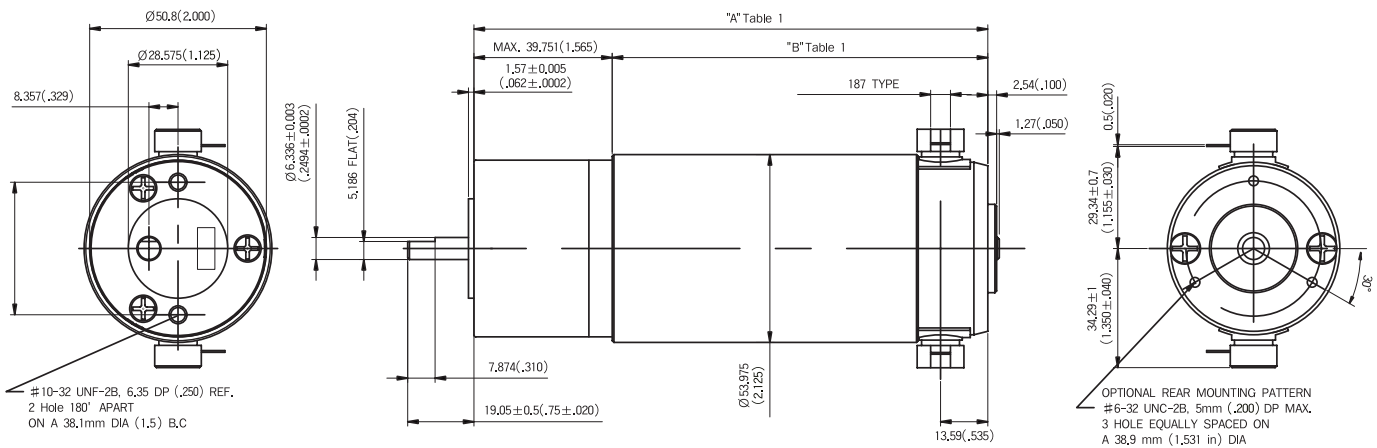




RS5 SERIES COMPACT DC GEARED MOTOR

MOTOR DIMENSION

unit : mm(inch)



GEARED MOTOR DIMENSION (Table1)

unit:mm(inch)

MODEL NO.	"A" DIMENSION	"B" DIMENSION	WEIGHT:kg(oz)
RS51□□□□	109.78 mm (4.322)	70.0 mm (2.756)	0.84 (29.6)
RS52□□□□	116.13 mm (4.572)	76.4 mm (3.009)	0.95 (33.5)
RS53□□□□	128.83 mm (5.072)	89.1 mm (3.508)	1.13 (39.9)

MODEL NO.	"A" DIMENSION	"B" DIMENSION	WEIGHT:kg(oz)
RS54□□□□	138.35 mm (5.447)	98.6 mm (3.882)	1.22 (43.0)
RS55□□□□	147.88 mm (5.822)	108.1 mm (4.256)	1.35 (47.6)
RS56□□□□	160.58 mm (6.322)	120.8 mm (4.756)	1.53 (54.0)
RS57□□□□	179.63 mm (7.072)	139.9 mm (5.508)	1.90 (67.0)

GEAR HEAD RATED LOAD

(at DC 24V)

MODEL	GEAR RATIO	5.9	19.7	65.5	MODEL	GEAR RATIO	5.9	19.7	65.5	MODEL	GEAR RATIO	5.9	19.7	65.5	MODEL	GEAR RATIO	5.9	19.7	65.5
RS51□□□□	rpm	717	21.5	65	RS52□□□□	rpm	693	207	62	RS53□□□□	rpm	586	175	53	RS54□□□□	rpm	627	188	57
	kg-cm	2.8	8.3	24.9		kg-cm	4.4	13.2	36.0		kg-cm	5.2	15.5	36.0		kg-cm	6.9	20.7	36.0
	N·m (oz.in)	0.272 (38.9)	0.816 (115.3)	2.443 (345.8)		N·m (oz.in)	0.431 (61.1)	1.295 (183.3)	3.530 (500.0)		N·m (oz.in)	0.506 (72.2)	1.520 (215.3)	3.530 (500.0)		N·m (oz.in)	0.674 (95.8)	2.027 (287.5)	3.530 (500.0)
RS55□□□□	rpm	518	155	47	RS56□□□□	rpm	545	163	49	RS57□□□□	rpm	544	163	49					
	kg-cm	8.6	25.9	36.0		kg-cm	7.6	22.7	36.0		kg-cm	10.5	31.6	36.0					
	N·m (oz.in)	0.843 (119.4)	2.533 (359.7)	3.530 (500.0)		N·m (oz.in)	0.740 (105.6)	2.224 (315.3)	3.530 (500.0)		N·m (oz.in)	1.030 (145.8)	3.096 (438.9)	3.530 (500.0)					

■ □ 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.

■ Rotational speed based on no-load speed divided by gear ratio. The actual rotation speed is less 2-20% than the displayed value according to the load