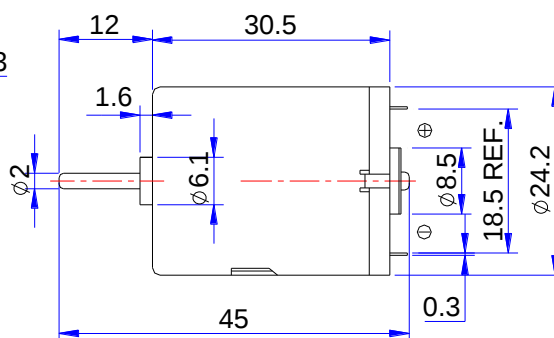
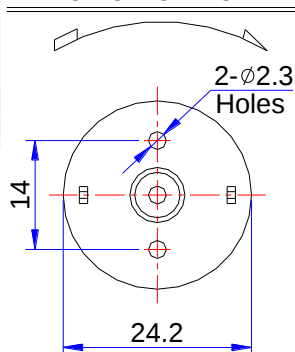
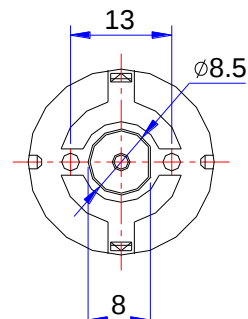




DIRECTION OF ROTATION



All units in (mm)



Typical Application:

1. Hair Clipper / Massager / Vibrator.
2. Radio Control Model.

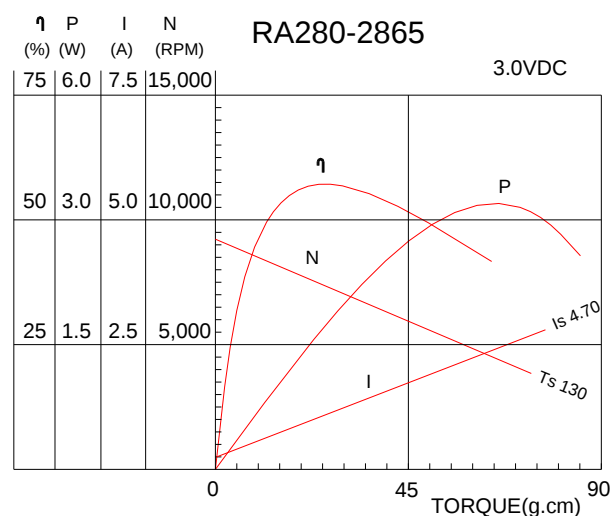
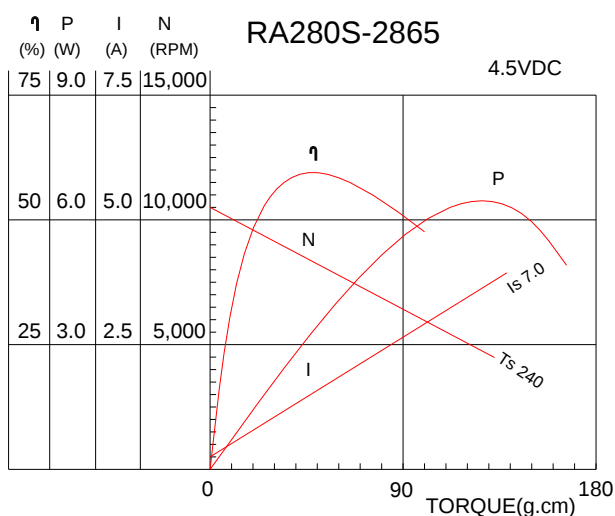
Weight: 42g (Approx.)

SHEET METAL BRUSH MOTORS AND CARBON BRUSH MOTORS

ELECTRICAL SPECIFICATION CHART: (The following specifications can be changed as customers' requirement)

Model	Voltage		At No Load		At Max Efficiency					Stall Torque G.CM
	Workable Range	Nominal (Constant)	Speed	Current	Speed	Current	Torque	Output	Eff.	
			RPM	A	RRPM	A	G.CM	W	%	
RA280-20120	3.0~6.0	3.0V	5,000	0.070	4,100	0.33	13	0.550	55.2	75
		4.5V	7,500	0.080	6,300	0.42	18	1.160	61.5	113
RA280-2865	1.5~3.0	1.5V	4,600	0.120	3,700	0.53	11	0.420	52.5	62
		3.0V	9,200	0.160	7,800	0.85	20	1.600	62.7	130
RA280S-20120	3.0~6.0	4.5V	5,800	0.080	4,900	0.43	23	1.160	59.7	148
		6.0V	7,800	0.085	6,600	0.51	27	1.830	59.7	192
RA280S-2865	1.5~4.5	3.0V	7,100	0.160	5,900	0.88	26	1.570	59.6	170
		4.5V	10,400	0.190	8,900	1.15	34	3.100	60.0	240
RC280S-09400-U	12.0 V	12.0V	4,600	0.040	3,864	0.09	16	0.630	56.9	100

CHARACTERISTIC CURVES:



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