

RC Servo Motor CRS/CRR17-15

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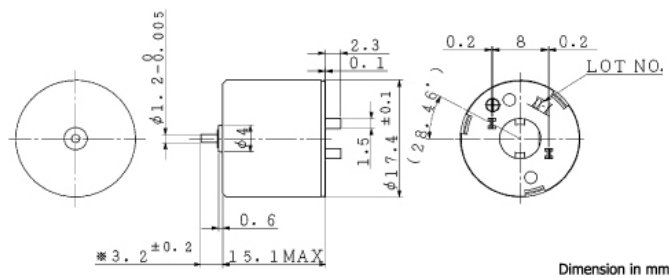
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Precious metal brush, Sleeve bearings RC Servo motor



Please provide corresponding pinion gear or specify pinion parameters for sample making.

CRS/CRR17-15 Specifications

		Standard RC Servo MotorCR17-1502	High torque RC Servo MotorCRR17-1502	
1	Nomal voltage	7.4	7.4	V
2	No load speed	23900	23800	rpm
3	No load current	50	50	mA
4	Stall torque	12.95	8.90	mNm
5	Stall current	4.4	3.1	mA
6	Output power	8.1	5.6	W
7	Max. efficiency	79.9	76.2	%

		Standard RC Servo MotorCR17-1502	High torque RC Servo MotorCRR17-1502	
8	Terminal resistance	1.7	2.4	Ω
9	Friction torque	0.147	0.147	mNm
10	Back-EMF constant	0.306	0.306	mV/rpm
11	Torque constant	2.92	2.92	mNm/A
12	Slope of N-T curve	1845	2670	rpm/mNm
13	Mechanical time constant	19.8	14.8	ms

Mechanical data

14	Shaft thrust play	0.03~0.3	°C
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*measured at () mm from flange

Other spec

15	Operating temperature	-10~+60	°C
16	Number of segments	5	
17	Bearing type	Sintered sleeve metal	
18	Weight	17	g

*Reduction gear cannot be attached to this model.

