

RC Servo Motor CRS/CRR12-15

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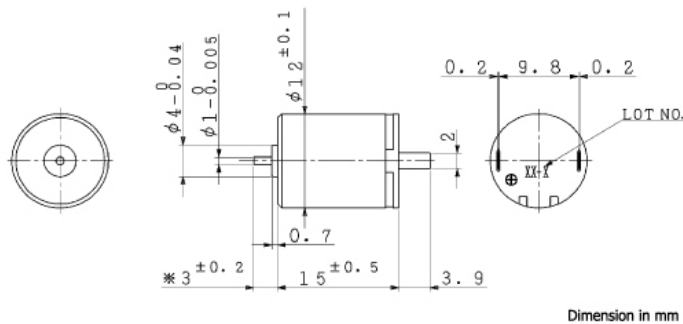
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[RC Servo Motor](#)

[RC Servo Motor CRS/CRR12-15](#)

Precious metal brush, Sleeve bearings RC Servo motor



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

CRS/CRR12-15 Specifications

		Standard RC Servo Motor CRS12-1503	High torque RC Servo Motor CRR12-1504	
1	Nomal voltage	7.4	7.4	V
2	No load speed	37100	37700	rpm
3	No load current	63	64	mA
4	Stall torque	4.41	3.29	mNm
5	Stall current	2.4	1.9	mA
6	Output power	4.3	3.3	W
7	Max. efficiency	70.5	66.4	%

		Standard RC Servo MotorCRS12-1503	High torque RC Servo MotorCRR12-1504	
8	Terminal resistance	3.0	3.9	Ω
9	Friction torque	0.117	0.117	mNm
10	Back-EMF constant	0.195	0.189	mV/rpm
11	Torque constant	1.86	1.81	mNm/A
12	Slope of N-T curve	8394	11449	rpm/mNm
13	Mechanical time constant	18.9	15.0	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~+50	°C
16	Number of segments	5	
17	Bearing type	Sintered sleeve metal	
18	Weight	9	g

*Reduction gear cannot be attached to this model.

