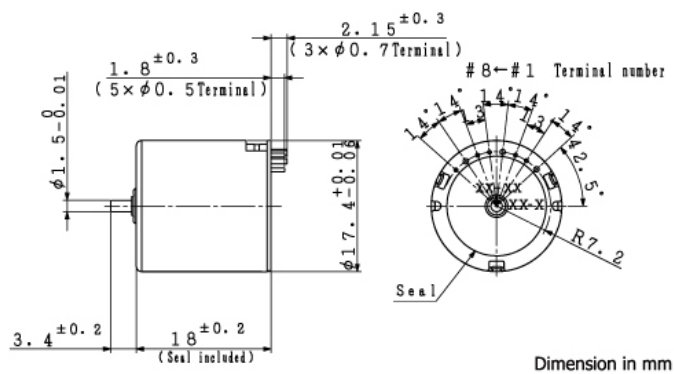


RC Servo Motor BRS/BRT 17-18

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With Hall Sensors, Sleeve bearings RC Servo motor



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

BRS/BRT 17-18 Specifications

		Standard RC Servo Motor BRS17-1802	High torque RC Servo Motor BRT17-18R8	
1	Nominal voltage	7.4	7.4	V
2	No load speed	27300	25500	rpm
3	No load current	114	249	mA
4	Stall torque	10.80	23.09	mNm
5	Stall current	4.39	8.81	mA
6	Output power	7.7	15.4	W
7	Max. efficiency	70	69	%

		Standard RC Servo MotorBRS17-1802	High torque RC Servo MotorBRT17-18R8	
8	Terminal resistance	1.69	0.84	Ω
9	Friction torque	0.88	0.67	mNm
10	Back-EMF constant	70.409	0.282	mV/rpm
11	Torque constant	7.73	2.70	mNm/A
12	Slope of N-T curve	2523	1102	rpm/mNm
13	Mechanical time constant	8.07	10.12	ms

Mechanical data

14	Shaft axial play	0.03~0.3	mm
15	Shaft runout	≤ 0.05	mm
16	Operating temperature	-10~+50	°C
17	Max coil temperature	80	°C
18	Bearing type	Sintered sleeve metal	
19	Weight	22	g

*measured at () mm from flange

Other spec

#1	Motor winding W
#2	Hall sensor output W
#3	Input signal 3.8V -5.5V
#4	Motor winding U
#5	Hall sensor output V
#6	GND
#7	Motor winding V
#8	Hall sensor output U

*Reduction gear cannot be attached to this model.

