

Standard Servo

Particular Specification

Item No.	BMS-410C
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1. Electrical Specification (Function Of The Performance)

1-1	Torque @ 4.8V	3.5 kg-cm / 48 oz-in
1-2	Torque @ 6.0V	4.4 kg-cm / 60 oz-in
1-3	Speed @ 4.8V	0.17 sec / 60° @ No Load
1-4	Speed @ 6.0V	0.15 sec / 60° @ No Load

2. Apply Environmental Condition

2-1	Operating Voltage Range	4.8V ~ 6.0V
2-2	Operating Temperature Range	-20°C ~ +60°C (-4°F ~ +140°F)

3. Control Specification

3-1	Control System	Analog Controller
3-2	Dead Bend Width	0.004ms (4us)
3-3	Instant Speed Reaction Time	3ms (High Response System [HRS] of Futaba-4PK & Sanwa-M11X)
3-4	Rotating Direction	Clockwise / Pulse Traveling 1500 ~ 1900u sec
3-5	Operating Travel	90° (When 1100 ~ 1900 μ sec)

4. Mechanical Specification

4-1	Ball Bearing	No
4-2	Type Gears	Plastic
4-3	Motor Type	DC Motor
4-4	Horn / Gear Spline	25 Teeth (Same as Futaba)
4-5	Connected Cable Length	170 mm (6.7 in)
4-6	Connected Housing	JR System

5. Outline Drawing

5-1	Dimension (mm)	40.5 x 20 x 38 mm / 1.59 x 0.79 x 1.5 in.
5-2	Weight (gram)	38 ± 1 grams / 1.34 oz

Product Picture / Dimension Sketch	
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