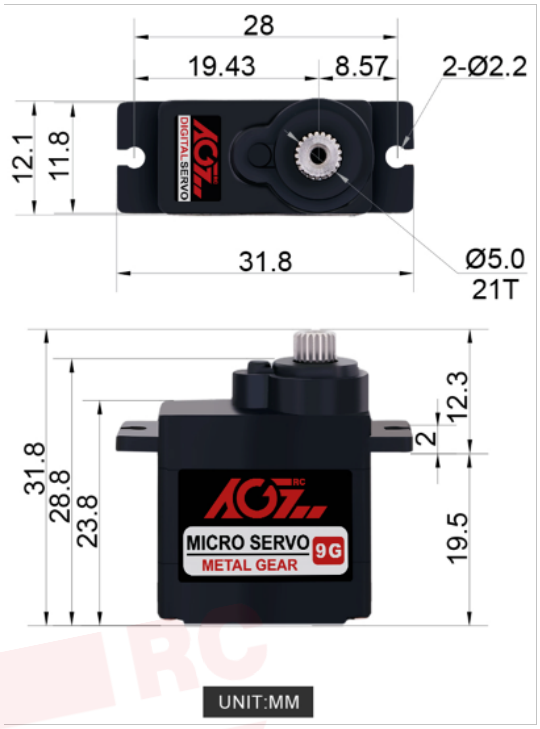
PRODUCT SPECIFICATION

B11DLS

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	4 µSec
Operating Voltage	4.8V ~ 6.0V
Operating Temp.	-15°C ~ +70°C
Bearing	BB
Mechanical Angle	220°
Dimension	23 x 12.1 x 23.8 mm
Net Weight	13 g
Connector / Cable	JR 180mm / 26AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec

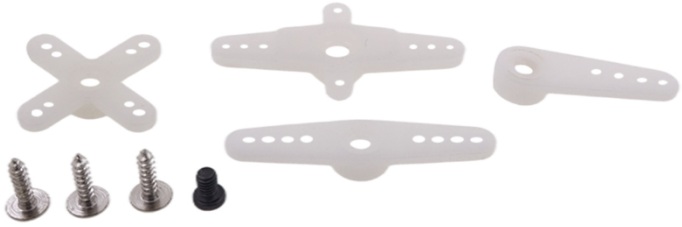


Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.12 sec/60°@ 4.8V 0.10 sec/60° @ 6.0V	2.2 kg-cm (16.7 oz-in) @ 4.8V 2.8 kg-cm (19.5 oz-in) @ 6.0V	200mA @ 4.8V 250mA @ 6.0V	1000mA @ 4.8V 1200mA @ 6.0V

Direction	CCW	**Motor Type**	DC
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	Yes	**Motor Drive**	IC Drive
Gear Material	Copper	**Horn Gear Spline**	21T-Ø4.94mm
Case Material	Plastic	**Bearing Material**	Metal
Wire Color (- + S)	Negative: Brown	Positive: Red	Signal: Orange

Default Accessories

① 1 pc x 25T-Ø4.94mm L=33.8mm Plastic Horn
② 1 pc x 25T-Ø4.94mm L=30mm Plastic Horn
③ 1 pc x 25T-Ø4.94mm L=25.5mm Plastic Horn
④ 1 pc x 25T-Ø4.94mm L=23.5mm Plastic Horn
⑤ 3 pcs x M2*8*Ø5.1mm Screws
⑥ 1 pc x M2.5*4mm Screw



Remark: If you have any questions about the B11DLS servo, please contact shopping@agfrc.com directly.