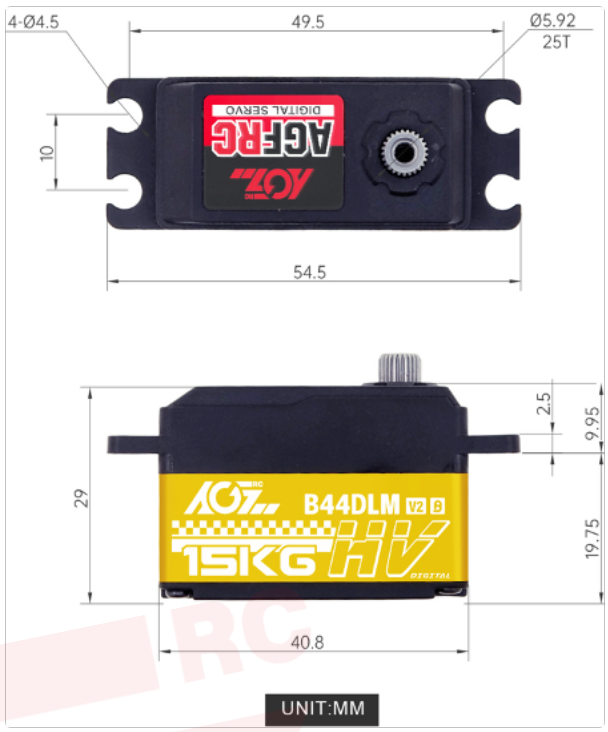
PRODUCT SPECIFICATION

B44DLM V2

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	2 µSec
Operating Voltage	4.8V ~ 8.4V
Operating Temp.	-15°C ~ +70°C
Bearing	2BB
Mechanical Angle	220°
Dimension	40.8 x 20.2 x 29.0 mm
Net Weight	44 g
Connector / Cable	JR 190 mm / 22AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.220 sec/60° @ 4.8V	10.0 kg-cm (139 oz-in) @ 4.8V	350mA @ 4.8V	1400mA @ 4.8V
0.200 sec/60° @ 6.0V	12.0 kg-cm (166 oz-in) @ 6.0V	400mA @ 6.0V	1700mA @ 6.0V
0.180 sec/60° @ 7.4V	14.0 kg-cm (194 oz-in) @ 7.4V	450mA @ 7.4V	2000mA @ 7.4V
0.170 sec/60° @ 8.4V	15.0 kg-cm (208 oz-in) @ 8.4V	500mA @ 8.4V	2400mA @ 8.4V

Direction	CCW	**Motor Type**	DC
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	Yes	**Motor Drive**	FET Drive
Gear Material	Titanium	**Horn Gear Spline**	25T-Ø5.92mm
Case Material	Aluminum + Plastic	**Bearing Material**	Metal
Wire Color (- + S)	Negative: Brown	Positive: Red	Signal: Orange

Default Accessories

① 1 pc x 25T-Ø5.92mm L=45mm Plastic Horn
② 1 pc x 25T-Ø5.92mm L=40.3mm Plastic Horn
③ 1 pc x 25T-Ø5.92mm L=27.5mm Plastic Horn
④ 4 pcs x M3*12mm Screws
⑤ 1 pc x M3*8mm Screw
⑥ 4 pcs x 9*6.9*5.6mm (Ø3) Rubber Pads
⑦ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves



Remark: If you have any questions about the B44DLM V2 servo, please contact shopping@agfrc.com directly.