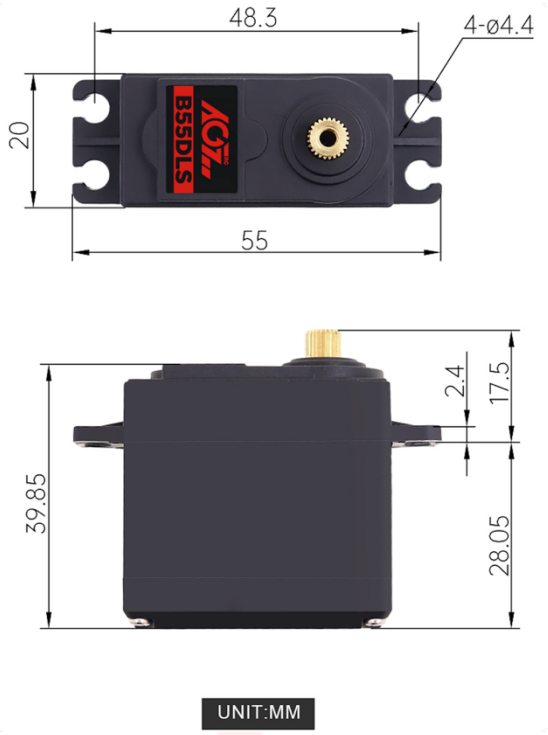
PRODUCT SPECIFICATION

B55DLS

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	2BB
Mechanical Angle	220°
Dimension	40 x 20 x 40mm
Net Weight	62 g
Connector / Cable	JR 300mm / 22AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.24 sec/60° @ 4.8V 0.22 sec/60° @ 6.0V	10.0 kg-cm (139 oz-in) @ 4.8V 11.5 kg-cm (160 oz-in) @ 6.0V	260mA @ 4.8V 320mA @ 6.0V	2000mA @ 4.8V 2200mA @ 6.0V

Direction	CCW	**Motor Type**	DC
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	No	**Motor Drive**	FET Drive
Gear Material	Coppes	**Horn Gear Spline**	25T-Ø5.92mm
Case Material	Plastic	**Bearing Material**	Metal
Wire Color (- + S)	Negative: Brown	Positive: Red	Signal: Orange

Default Accessories

① 1 pc x 25T-Ø5.92mm L=38.3mm Plastic Horn
② 1 pc x 25T-Ø5.92mm L=36.4mm Plastic Horn
③ 1 pc x 25T-Ø5.92mm L=31.4mm Plastic Horn
④ 1 pc x 25T-Ø5.92mm Ø20.3mm Plastic Horn
⑤ 4 pcs x M2*12*Ø5mm Screws
⑥ 1 pc x M3*6mm Screw
⑦ 4 pcs x Ø3*Ø4.6*5 mm Rubber Pads
⑦ 4 pcs x Ø5*Ø3*5mm Copper Sleeves

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Remark: If you have any questions about the B55DLS servo, please contact shopping@agfrc.com directly.