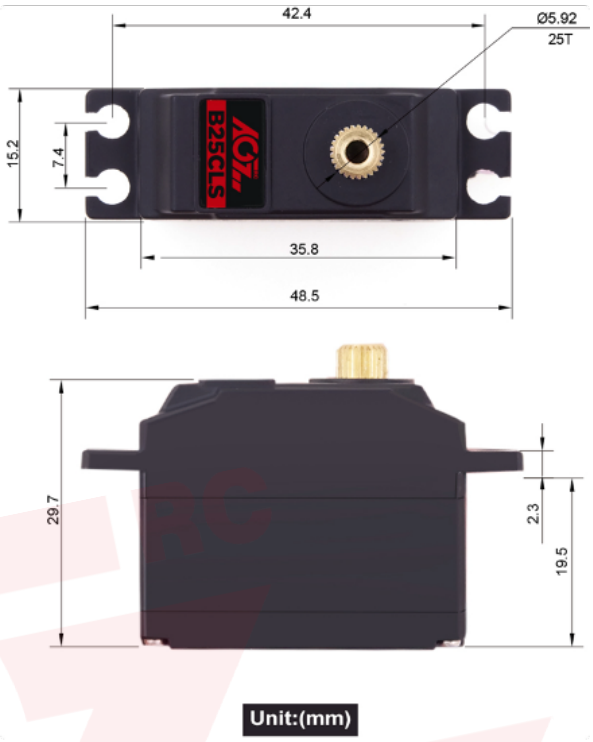
PRODUCT SPECIFICATION

B25CLS

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	2 µSec
Operating Voltage	4.8V ~ 6.0V
Operating Temp.	-20°C ~ +60°C
Bearing	2BB
Mechanical Angle	220°
Dimension	35.8*15.2*29.7 mm
Net Weight	25 g
Connector / Cable	JR 180mm / 26AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.075 sec/60° @ 4.8V 0.065 sec/60° @ 6.0V	5.0 kg-cm (69 oz-in) @ 4.8V 6.0 kg-cm (83 oz-in) @ 6.0V	250mA @ 4.8V 350mA @ 6.0V	1600mA @ 4.8V 2000mA @ 6.0V

Direction	CCW	**Motor Type**	Coreless
Waterproof Level	IP65	**Angle Sensor**	Potentiometer
Programmable	Yes	**Motor Drive**	FET Drive
Gear Material	Copper	**Horn Gear Spline**	25T-Ø5.92mm
Case Material	Plastic	**Bearing Material**	Metal
Wire Color (- + S)	Negative: ●	Positive: ●	Signal: ●

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 Rubber Pads
⑧ 4 pcs x Ø5* Ø3*5mm Copper Sleeves



Remark: If you have any questions about the B25CLS servo, please contact shopping@agfrc.com directly.