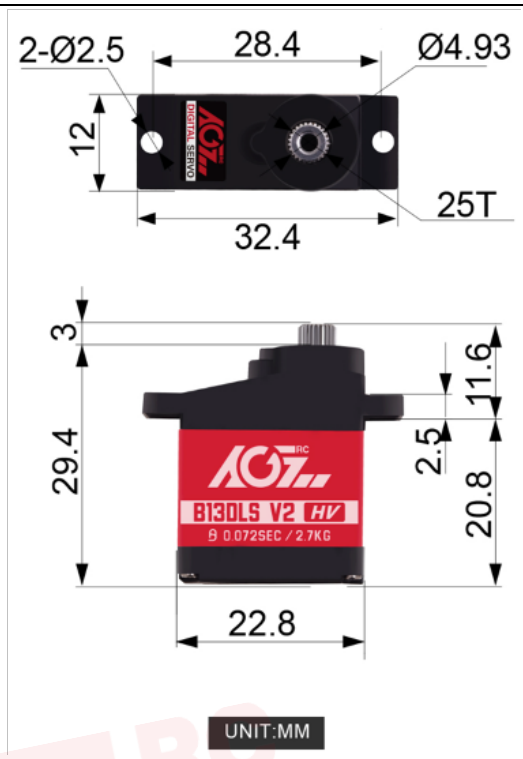
PRODUCT SPECIFICATION

B13DLS V2

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	3 µSec
Operating Voltage	4.8V ~ 8.4V
Operating Temp.	-15°C ~ +70°C
Bearing	2BB
Mechanical Angle	No Limit
Dimension	22.8 x 12 x 29.4 mm
Net Weight	16 g
Connector / Cable	JR 180mm / 26AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.090 sec/60° @ 4.8V	1.6 kg-cm (22.0 oz-in) @ 4.8V	200mA @ 4.8V	1200mA @ 4.8V
0.080 sec/60° @ 6.0V	2.0 kg-cm (27.5 oz-in) @ 6.0V	240mA @ 6.0V	1400mA @ 6.0V
0.076 sec/60° @ 7.4V	2.4 kg-cm (33.0 oz-in) @ 7.4V	270mA @ 7.4V	1500mA @ 7.4V
0.072 sec/60° @ 8.4V	2.7 kg-cm (37.5 oz-in) @ 8.4V	300mA @ 8.4V	1600mA @ 8.4V

Direction	CCW	**Motor Type**	DC
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	Yes	**Motor Drive**	IC Drive
Gear Material	Titanium + Copper	**Horn Gear Spline**	25T-Ø4.94mm
Case Material	Aluminum + Plastic	**Bearing Material**	Metal
Wire Color (- + S)	Negative: ● Positive: ● Signal: ○		

Default Accessories

① 1 pc x 25T-Ø5mm L=33.8mm Plastic Horn
② 1 pc x 25T-Ø5mm L=30mm Plastic Horn
③ 1 pc x 25T-Ø5mm L=25.5mm Plastic Horn
④ 1 pc x 25T-Ø5mm 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 B13DLS V2 servo, please contact shopping@agfrc.com directly.