

B45BLS 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*20.2*26.5 mm		
Net Weight	48 g		
Connector / Cable	JR 180mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.085 sec/60° @ 4.8V	10.0 kg-cm (139 oz-in) @ 4.8V	300mA @ 4.8V	2600mA @ 4.8V
0.074 sec/60° @ 6.0V	12.0 kg-cm (167 oz-in) @ 6.0V	350mA @ 6.0V	2800mA @ 6.0V
0.068 sec/60° @ 7.4V	13.5 kg-cm (187 oz-in) @ 7.4V	390mA @ 7.4V	3300mA @ 7.4V
0.062 sec/60° @ 8.4V	14.5 kg-cm (201 oz-in) @ 8.4V	430mA @ 8.4V	3700mA @ 8.4V
Direction	CCW	Motor Type	Brushless
Waterproof Level	/	Angle Sensor	Potentiometer
Programmable	Yes	Motor Drive	FET Drive
Gear Material	Strength Steel	Horn Gear Spline	25T-Ø5.92mm
Case Material	Aluminum + Plastic	Bearing Material	Metal
Wire Color (- + S)	Negative: ● Positive: ● Signal: ●		
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 Ø9* Ø6.9*5.6mm Rubber Pads ⑦ 4 pcs x Ø6* Ø3.5*5mm Copper Sleeves 		

Remark: If you have any questions about the B45BLS V2 servo, please contact shopping@agfrc.com directly.