

A35BHL

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	35.5 x 15 x 29.2 mm		
Net Weight	46 g		
Connector / Cable	TYU 180mm or 300mm / 26AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.125 sec/60° @ 4.8V	10 kg-cm (139 oz-in) @ 4.8V	230mA @ 4.8V	1800mA @ 4.8V
0.110 sec/60° @ 6.0V	12 kg-cm (167 oz-in) @ 6.0V	300mA @ 6.0V	2200mA @ 6.0V
0.090 sec/60° @ 7.4V	15 kg-cm (208 oz-in) @ 7.4V	380mA @ 7.4V	2500mA @ 7.4V
0.080 sec/60° @ 8.4V	16 kg-cm (222 oz-in) @ 8.4V	420mA @ 8.4V	2800mA @ 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	Bearing Material	Metal
Wire Color (- + S)	Negative: Black Positive: Red Signal: White		
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*6*Ø5.6mm Screw ⑦ 4 pcs x Ø5*Ø3*5mm Copper sleeves ⑧ 4 pcs x Ø3*Ø4.6*5mm Rubber Pads		

Remark: If you have any questions about the A35BHL servo, please contact shopping@agfrc.com directly.