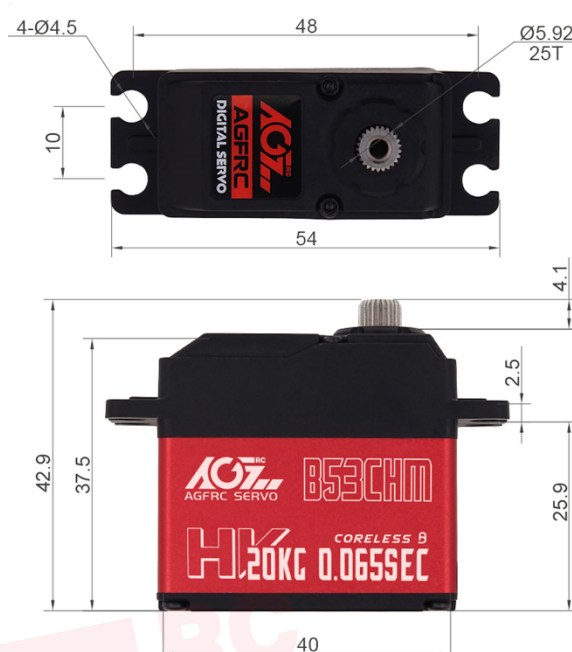


B53CHM

Control System	PWM		
Refresh Rate	333 Hz		
Neutral Position	1520 µSec		
Signal Mode	Digital		
Dead band	4 µSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temp.	-15°C ~ +70°C		
Bearing	2BB		
Mechanical Angle	220°		
Dimension	40 x 20 x 37.5 mm		
Net Weight	69 g		
Connector / Cable	JR 360mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.160 sec/60° @ 4.8V	19 kg-cm (264 oz-in) @ 4.8V	280mA @ 4.8V	3000mA @ 4.8V
0.140 sec/60° @ 6.0V	22 kg-cm (305 oz-in) @ 6.0V	350mA @ 6.0V	3300mA @ 6.0V
0.110 sec/60° @ 7.4V	24 kg-cm (333 oz-in) @ 7.4V	400mA @ 7.4V	3800mA @ 7.4V
0.100 sec/60° @ 8.4V	26 kg-cm (361 oz-in) @ 8.4V	450mA @ 8.4V	4200mA @ 8.4V
Direction	CCW	Motor Type	Coreless
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: Black	Positive: Red	Signal: White
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 M2*12 Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x Ø9*Ø6.9*5.6 mm Rubber Pads ⑦ 4 pcs x Ø6*Ø3.5*5mm Copper Sleeves		

Remark: If you have any questions about the B53CHM servo, please contact shopping@agfrc.com directly.