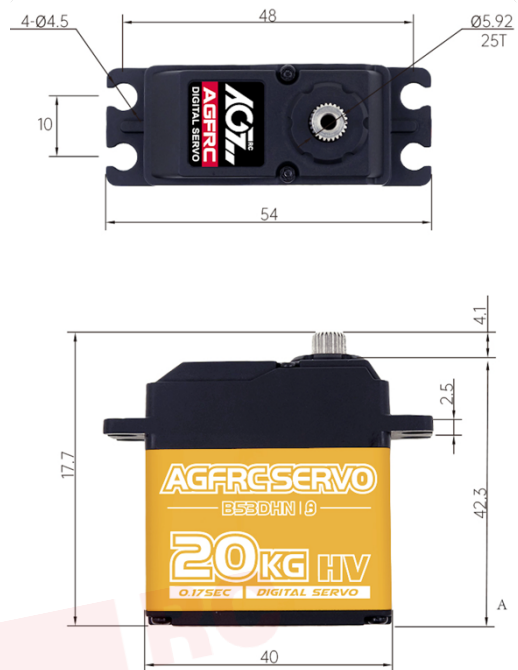


B53DHN

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 42.3 mm		
Net Weight	63 g		
Connector / Cable	JR 360mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	13.0 kg-cm (180 oz-in) @ 4.8V 15.0 kg-cm (208 oz-in) @ 6.0V 18.0 kg-cm (248 oz-in) @ 7.4V 20.0 kg-cm (278 oz-in) @ 8.4V	Unload Current	500mA @ 4.8V 550mA @ 6.0V 600mA @ 7.4V 700mA @ 8.4V
Operating Speed	0.230sec/ 60° @ 4.8V 0.210sec/60° @ 6.0V 0.185sec/60° @ 7.4V 0.170sec/60° @ 8.4V	Loading Current	2400mA @ 4.8V 2700mA @ 6.0V 2900mA @ 7.4V 3200mA @ 8.4V
Direction	CCW	Motor Type	DC
Waterproof Level	IP67	Angle Sensor	Potentiometer
Programmable	Yes	Motor Drive	FET Drive
Gear Material	Titanium	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-Ø5.92 L=55.4mm Plastic Horn ② 1 pc x 25T-Ø5.92 L=40.3mm Plastic Horn ③ 4 pcs x M2*12*Ø5mm Screws ④ 1 pc x M3*6mm Screw ⑤ 4 pcs x Ø3*Ø4.6*5 Rubber Pads ⑥ 4 pcs x Ø5*Ø3*5mm Copper Sleeves		

Remark: If you have any questions about the B53DHN servo, please contact shopping@agfrc.com directly.