SA30BHM

Control System	Pulse width modulation control	
Refresh Rate	333Hz	
Neutral Position	1520µS	
Signal Mode	Digital	
Dead band	2 µSec	
Operating Voltage	4.8V ~ 8.4V	
Operating Temperature	-15C° ~ +70C°	
Bearing	Double Ball Bearings	
Mechanical Angle	No Limit	
Size	29*14*29mm	
Net Weight	32g	
Wire	TYU 180mm / 26AWG	
Operating Travel	180°±10°	
Signal Range	500 to 2500 µSec	

Stall Torque	8.0 kg-cm (111 oz-in) @ 4.8V 9.0 kg-cm (125 oz-in) @ 6.0V 10.50 kg-cm (145 oz-in) @ 7.4V 11.50 kg-cm (159 oz-in) @ 8.4V	**Unload Current**	150mA @ 4.8V 180mA @ 6.0V 240mA @ 7.4V 300mA @ 8.4V
Operating Speed	0.100sec/ 60° @ 4.8V 0.082sec/60° @ 6.0V 0.068sec/60° @ 7.4V 0.060sec/60° @ 8.4V	**Loading Current**	2000mA @ 4.8V 2300mA @ 6.0V 2800mA @ 7.4V 3000mA @ 8.4V

Direction	☑CCW	☐CW	
Waterproof Level	☐IP65	☐IP67	
Angle Sensor	☑Potentiometer	☐Magnet Angle Sensor	
Motor Type	☑Brushless	☐Coreless	☐DC
Motor Drive	☑FET Drive	☐IC Drive	☐Transistor Drive
Programmable	☑Yes	☐No	
Gear Material	☑Strength Steel	☐Titanium	☐Copper ☐Plastic
Horn Gear Spline	☑25T-φ5.92mm	☐5T-φ4.94mm	☐Other_____
Case Material	☑ AL6061T6	☐Aluminum + Plastic	☐Plastic
Bearing Material	☑ Metal	☐Plastic	
Horn Accessories	☐AL6061T6	☑ Plastic	
Wire Color	Negative: ☑Black ☐Brown Positive: ☐Black ☑Red Signal: ☐Grey ☑White ☐Orange		