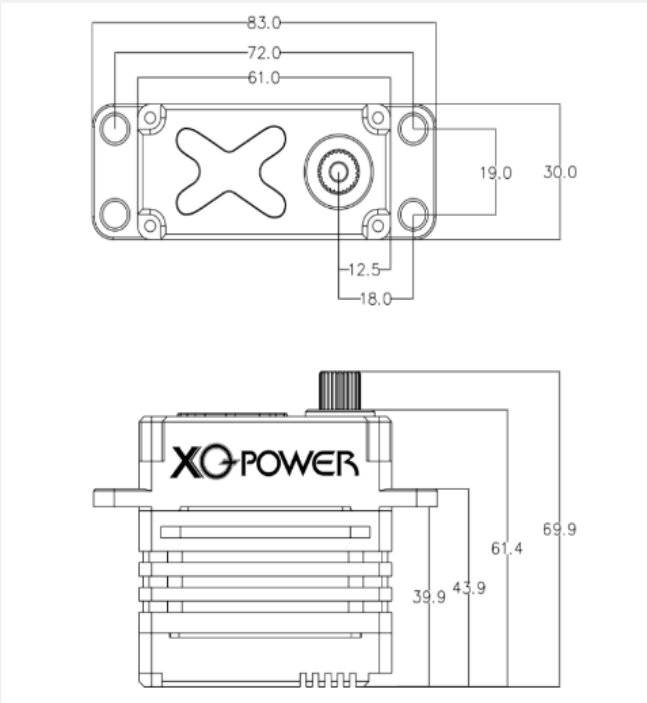


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20230428.9.1				
						VER		X9_9100.01				
						Page.		P.1				
						Prepare Date		20230405				
GSN		XQ-9S	Product Name	XQ-POWER 12V110kg-cm Brushless Servo		Model	XQ-S9100D	Material	CNC all-metal case			
Process flow						CNC / industry testing torque						
SIZE OF THE DRAWINGS 						Control Specifications				AQL		
						NO.		Standard Test Environment				
						1-1		Temperature range	25°C±5°C			
						1-2		Humidity range	65%±10%			
						NO.		Apply Environmental Condition				
						2-1		Storage Temperature Range	-30°C ~ 70°C			
						2-2		Operating Temperature Range	-20°C ~ 60°C			
						NO.		Mechanical Specification				
						3-1		Servo Dimensions	61*30*61.4 mm			
						3-2		Servo Weight	190g			
						3-3		Servo Gear	Steel Gear			
						3-4		Angle of limit	No Limit			
						3-5		Servo Bearing	10 Ball bearings			
						3-6		Output force shaft	25T-φ9.95mm			
						3-7		Servo arm	Metal			
						3-8		Case Material	Aluminium CNC			
						3-9		Servo line	J30J-9TJL purchase separately			
						3-10		Built-in motor	Brushless motor			
						3-11		Splash water resistance	Yes			
						The Drawings						Electrical Specification
Photos1 						NO.		Test Operating Voltage Range				
						4-1		Work Voltage	8.4 V			
						4-2		No load speed	0.25 sec/60°			
						4-3		Runnig current (no load)	200 mA			
						4-4		Peak stall torque	115 kg.cm			
						4-5						
						4-6		Stall current	6.5 A			
								Work Voltage	12 V			
						4-6		No load speed	0.15 sec/60°			
						4-7		Runnig current (no load)	300 mA			
						4-8		Peak stall torque	110 kg.cm			
						4-9						
						4-10		Stall current	8 A			
								Work Voltage	16.8 V			
						Photos2 						4-11
4-12		Runnig current (no load)	400 mA									
4-13		Peak stall torque	130 kg.cm									
4-14												
4-15		Stall current	10 A									
Make table		CHECK	APPROVE									
MR.ZHONG		MR.LIU	Manager.ZHOU									

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO	N/D.20230428.9.1				
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GSN	XQ-9S	Product Name	XQ-POWER 12V110kg-cm Brushless Servo	Model	XQ-S9100D	Material	CNC all-metal case				
Control Specification											
Test display diagram				EMPHASIS							
Photos1				NO.	Item	Specification	AQL				
				5-1	Command signal	PWM 50-333Hz					
				5-2	Amplifier type	Digital Controller					
				5-3	Pulse width range	500~2500 μsec customizable					
				5-4	Neutral position	1500 μsec customizable					
				5-5	Running degree	360° (when1000-2000 μsec) customization					
				5-6	Dead band width	3 μsec					
				5-7	Rotating direction	CCW (when 1000 ~2000μsec) customizable					
				Appearance inspection							
				NO.	QC details						
				5-7	Material qualified						
				5-8	Gear structure qualified						
				5-9	Function qualified						
				5-10	Use data qualified						
				5-11	Pass the test						
				Accessories							
				Photos1				NO.	Other		
								6-1			
								6-2			
6-3											
6-4											
Other Accessories											
7-1	Plastic arm bag										
7-2	Screw										
7-3	Metal arm (additional purchase)										
				Make table	CHECK	APPROVE					
				MR.ZHONG	MR.LIU	Manager.ZHOU					
Reference opinions of all departments: Agree											