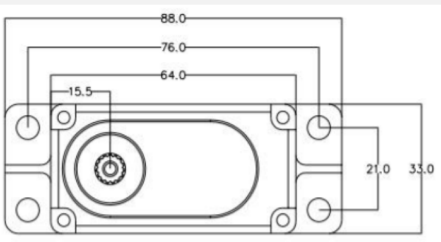
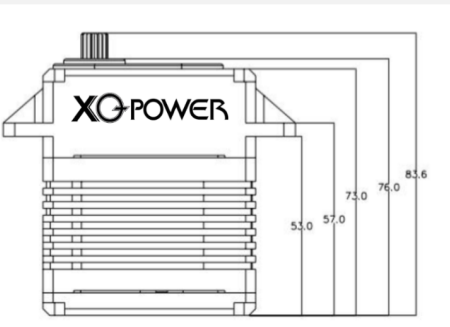
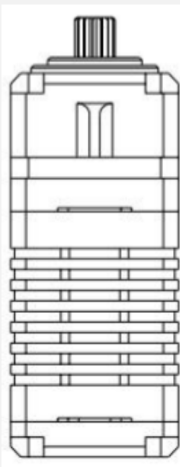


Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20220523.9.1								
						VER		X9_9130.02								
						Page.		P.1								
						Prepare Date		20220525								
GSN		XQ-9S		Product Name		XQ-POWER 16.8V130kg-cm Brushless Servo		Model		XQ-S9130D		Material		CNC all-metal case		
Process flow								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		64*33*76 mm				
								3-2		Servo Weight		411g				
3-3		Servo Gear		Steel Gear												
3-4		Angle of limit		220°												
3-5		Servo Bearing		2 Ball bearings												
3-6		Output force shaft		25T-φ9.95mm												
3-7		Servo arm		Metal												
3-8		Case Material		7075 Aluminium CNC												
3-9		Servo line		500 mm												
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		0.28 sec/60°				
								4-3		Runnig current (no load)		150 mA				
								4-4		Peak stall torque		100 kg.cm				
								4-5		Stall current		6.5 A				
										Work Voltage		12.6 V				
								4-6		No load speed		0.17 sec/60°				
								4-7		Runnig current (no load)		270 mA				
								4-8		Peak stall torque		115 kg.cm				
4-9		Stall current		8 A												
		Work Voltage		16.8 V												
Photos2 								4-10		No load speed		0.14 sec/60°				
								4-11		Runnig current (no load)		400 mA				
								4-12		Peak stall torque		130 kg.cm				
								4-13		Stall current		9 A				
								Make table		CHECK		APPROVE				
								MR.ZHONG		MR.LIU		Manager.ZHOU				

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20220523.9.1									
						VER		X9_9130.02									
						Page.		P.2									
						Prepare Date		20220525									
GSN		XQ-9S		Product Name		XQ-POWER 16.8V130kg-cm Brushless Servo		Model		XQ-S9130D		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			800~2200 μsec customizable					
								5-4	Neutral position			1500 μsec customizable					
								5-5	Running degree			360° (when1000~2000 μsec) customization					
								5-6	Dead band width			4 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																
Accessories								5-11	Pass the test								
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)								
								Reference opinions of all departments: Agree									
MR.ZHONG		MR.LIU		Manager.ZHOU													