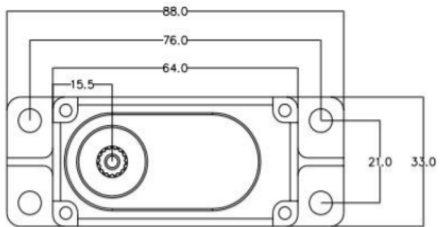
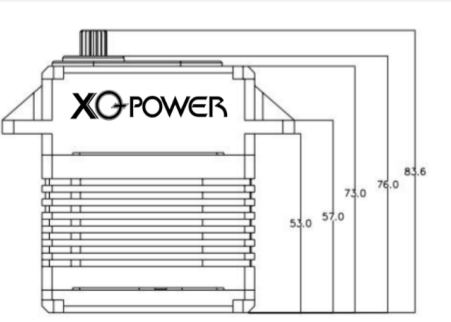
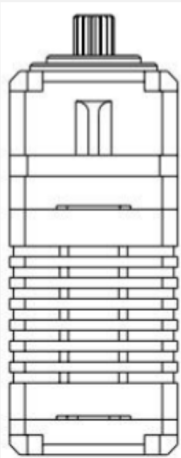


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20220523.9.1				
					VER		X9_9130.02				
					Page.		P.1				
					Prepare Date		20220525				
GSN		XQ-9S	Product Name	XQ-POWER 16.8V130kg-cm Brushless Servo		Model	XQ-S9130TTL	Material	CNC all-metal case		
Process flow					CNC / industry testing torque						
SIZE OF THE DRAWINGS   					Control Specifications				AQL		
					NO.	Standard Test Environment					
					1-1	Temperature range	25℃±5℃				
					1-2	Humidity range	65%±10%				
					NO.	Apply Environmental Condition					
					2-1	Storage Temperature Range	-30℃ ~ 70℃				
					2-2	Operating Temperature Range	-20℃ ~ 60℃				
					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
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-S9130TTL		Material		CNC all-metal case									
Control Specification																							
Test display diagram								EMPHASIS															
Photos1 PCtool v20251222 COM: COM3 Intel(R) Active Management Tec Baud Rate: 500000 Open port CAN servo Firmware upgrade ID select: ☒ Broadcast ☐ ID1 ☐ ID2 ☐ ID3 ☐ ID4 ☐ ID5 ☐ ID6 ☐ Other 7 50 write Reporting time [10~255] 5 write CAN baud [0~7] 37 write ID [1~127] -1000 write Negative range [-1000~0] 1000 write Positive range [0~1000] 0 write Reverse open [0~1] 0 write Low voltage alarm [0~1] Position -1000 Run Voltage -1000 Run Current -500 Run Temperature 0 Run Version 500 Run Run time 1000 Run Run time 1000 Run Report ON Report OFF Torque ON Torque OFF Set midpoint Angle calibration Restore default System restart Read parameter Write parameter Save setting Command log								NO.		Item		Specification											
								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															
Make table		CHECK		APPROVE																			
MR.ZHONG		MR.LIU		Manager.ZHOU																			