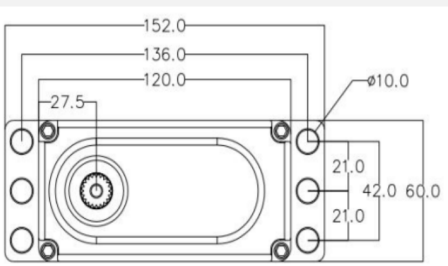
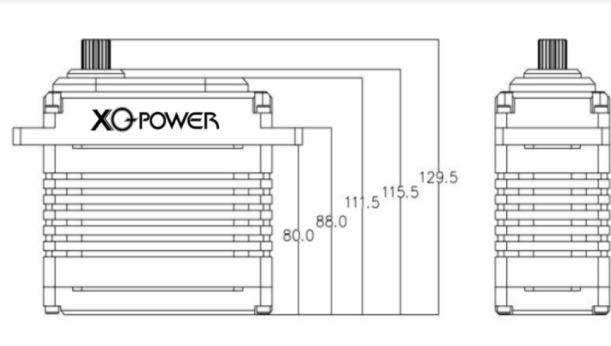


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20250221.7.2							
					VER		X9_9750.02							
					Page.		P.1							
					Prepare Date		20250222							
GSN		XQ-9S	Product Name	XQ-POWER 30V1000kg-cm Brushless Servo		Model	XQ-RS9750M	Material	CNC all-metal case					
Process flow					CNC / industry 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	-30°C ~ 60°C							
					NO.	Mechanical Specification								
					3-1	Servo Dimensions	120*60*111.5 mm							
					3-2	Servo Weight	1750g							
					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-φ14.98mm							
					3-7	Servo arm	Metal							
					3-8	Case Material	Aluminium CNC							
					3-9	Servo line	J30J-15TJL Purchase separately							
The Drawings					3-10	Built-in motor	Brushless motor							
Photos1 					3-11	Splash water resistance	Yes							
					Electrical Specification									
					NO.	Test Operating Voltage Range								
					4-1	Work Voltage	24 V							
					4-2	No load speed	0.35 sec/60°							
					4-3	Runnig current (no load)	400 mA							
					4-4	Peak stall torque	850 kg.cm							
					4-5	Stall current	21 A							
						Work Voltage	28 V							
					4-6	No load speed	0.28 sec/60°							
					4-7	Runnig current (no load)	460 mA							
					4-8	Peak stall torque	920 kg.cm							
					4-9	Stall current	25 A							
						Work Voltage	30 V							
					Photos2 Support customization PWM, CAN, RS485 					4-10	No load speed	0.25 sec/60°		
						4-11	Runnig current (no load)	500 mA						
						4-12	Peak stall torque	980 kg.cm						
	4-13	Stall current	26.5 A											
Make table		CHECK		APPROVE										
MR.ZHONG		MR.LIU		Manager.ZHOU										

AQL

Shenzhen XQPOWER Technology Co., LTD XQPOWER Product Inspection Specification						DOCUMENT NO	N/D.20250221.7.2																																																																																																																																								
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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 Report ON Report OFF Torque ON Torque OFF Set midpoint Angle calibration Restore default System restart Read parameter Write parameter Save setting Command log <tr><td colspan="1">NO.</td><td colspan="1">Item</td><td colspan="3">Specification</td></tr> <tr><td colspan="1">5-1</td><td colspan="1">Command signal</td><td colspan="3">PWM / MODBUS485</td></tr> <tr><td colspan="1">5-2</td><td colspan="1">Amplifier type</td><td colspan="3">Digital Controller</td></tr> <tr><td colspan="1">5-3</td><td colspan="1">Pulse width range</td><td colspan="3">500~2500 μsec customizable</td></tr> <tr><td colspan="1">5-4</td><td colspan="1">Neutral position</td><td colspan="3">1500 μsec customizable</td></tr> <tr><td colspan="1">5-5</td><td colspan="1">Running degree</td><td colspan="3">360° (when1000~2000 μsec) customization</td></tr> <tr><td colspan="1">5-6</td><td colspan="1">Dead band width</td><td colspan="3">3 μsec</td></tr> <tr><td colspan="1">5-7</td><td colspan="1">Rotating direction</td><td colspan="3">CCW (when 1000 ~ 2000 μsec) customizable</td></tr> <tr><td colspan="5">Appearance inspection</td></tr> <tr><td colspan="1">NO.</td><td colspan="4">QC details</td></tr> <tr><td colspan="1">5-7</td><td colspan="4">Material qualified</td></tr> <tr><td colspan="1">5-8</td><td colspan="4">Gear structure qualified</td></tr> <tr><td colspan="1">5-9</td><td colspan="4">Function qualified</td></tr> <tr><td colspan="1">5-10</td><td colspan="4">Use data qualified</td></tr> <tr><td colspan="1">5-11</td><td colspan="4">Pass the test</td></tr> <tr><td colspan="1">NO.</td><td colspan="4">Other</td></tr> <tr><td colspan="1">6-1</td><td colspan="4"></td></tr> <tr><td colspan="1">6-2</td><td colspan="4"></td></tr> <tr><td colspan="1">6-3</td><td colspan="4"></td></tr> <tr><td colspan="1">6-4</td><td colspan="4"></td></tr> <tr><td colspan="5">Other Accessories</td></tr> <tr><td colspan="1">7-1</td><td colspan="4">Plastic arm bag</td></tr> <tr><td colspan="1">7-2</td><td colspan="4">Screw</td></tr> <tr><td colspan="1">7-3</td><td colspan="4">Metal arm (additional purchase)</td></tr> <tr><td colspan="5">  </td></tr> <tr><td colspan="5">Reference opinions of all departments: Agree</td></tr> <tr><td colspan="1">Make table</td><td colspan="1">CHECK</td><td colspan="3">APPROVE</td></tr> <tr><td colspan="1">MR.ZHONG</td><td colspan="1">MR.LIU</td><td colspan="3">Manager.ZHOU</td></tr>				NO.	Item	Specification			5-1	Command signal	PWM / MODBUS485			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 ~ 2000 μsec) 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				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		
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