Shenzhen XQPOWER Technology Co., LTD

XQ-POWER

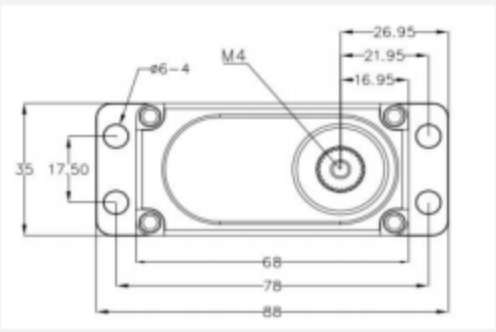
Product Inspection Specification

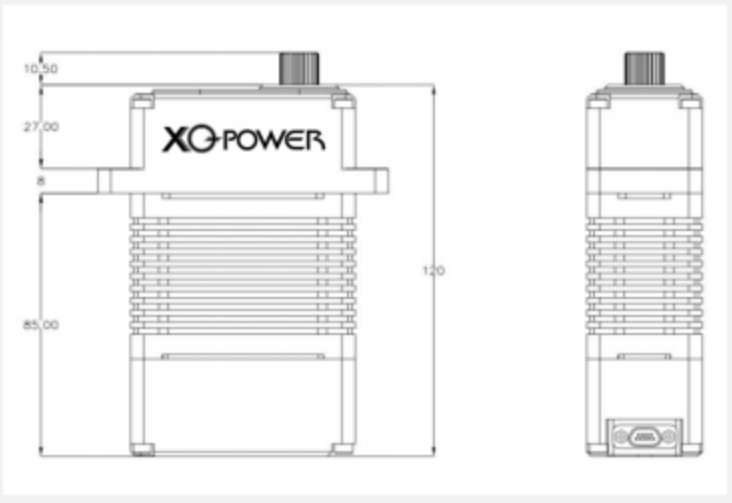
DOCUMENT NO	N/D.20221223.9.2
VER	X9_9350.05
Page.	P.1
Prepare Date	20221225

GSN	XQ-9S	Product Name	XQ-POWER 30V350kg-cm Brushless Servo	Model	XQ-S9350D	Material	CNC all-metal case

Process flow | **CNC / industry testing torque**

SIZE OF THE DRAWINGS





The Drawings

Photos1



Photos2



Control Specifications		
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	-30℃ ~ 65℃
NO.	Mechanical Specification	
3-1	Servo Dimensions	68*35*120 mm
3-2	Servo Weight	690g
3-3	Servo Gear	Steel Gear
3-4	Angle of limit	No Limit
3-5	Servo Bearing	6 Ball bearings
3-6	Output force shaft	25T-φ11.8mm
3-7	Servo arm	7075-Aluminium CNC
3-8	Case Material	7075-Aluminium CNC
3-9	Servo line	Socket(Wire IM separately to buy)
3-10	Built-in motor	Brushless motor
3-11	Splash water resistance	Yes
Electrical Specification		
NO.	Test Operating Voltage Range	
4-1	Work Voltage	24 V
4-2	No load speed	0.28 sec/60°
4-3	Runnig current (no load)	200 mA
4-4	Peak stall torque	320 kg.cm
4-5	Stall current	5 A
	Work Voltage	28 V
4-6	No load speed	0.20 sec/60°
4-7	Runnig current (no load)	300 mA
4-8	Peak stall torque	360 kg.cm
4-9	Stall current	6.5 A
	Work Voltage	30 V
4-10	No load speed	0.16 sec/60°
4-11	Runnig current (no load)	400 mA
4-12	Peak stall torque	390 kg.cm
4-13	Stall current	7 A

Make table	CHECK	APPROVE
MR.ZHONG	MR.LIU	Manager.ZHOU

AQL

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XQ-POWER

Product Inspection Specification

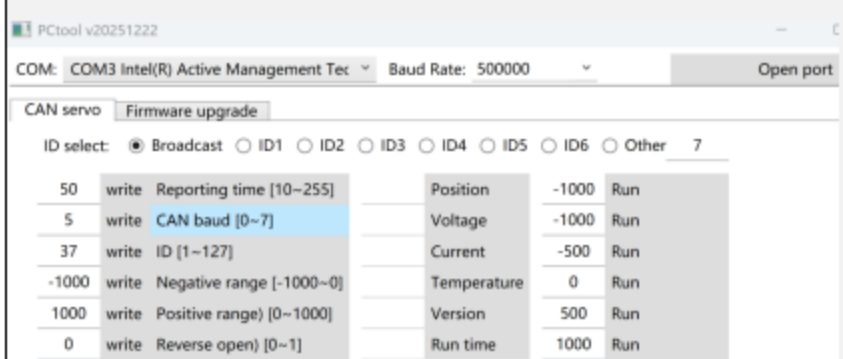
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GSN	XQ-9S	Product Name	XQ-POWER 30V350kg-cm Brushless Servo	Model	XQ-S9350D	Material	CNC all-metal case

Control Specification

Test display diagram

Photos1



EMPHASIS

NO.	Item	Specification
5-1	Command signal	PWM
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

AQL

Accessories

Photos1



Other	
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