

# Electric actuator Test report

Customer		Project No.	
Model	<b>GQ - 04N - 1212</b>	Serial No.	<b>28D2333059</b>
Type	<b>ON - OFF</b> <input checked="" type="checkbox"/>	Rated output	<b>20W</b> <input checked="" type="checkbox"/>
	<b>Proportional</b> <input type="checkbox"/>	Supply power	<b>AC / DC 24V ±10%</b> <input checked="" type="checkbox"/>
Q'ty	<b>1</b>		

### Function test

Enclosure	<b>IP67 Weather proof</b>	Reduction ratio		
Mounting base	<b>ISO 5211 F03 , F05</b>	Handwheel turn(Counter clockwise to open)	<b>14</b>	
Torque	Close	<b>4 Kg.m</b>	Close	<b>13 / 90°</b>
	Open	<b>4 Kg.m</b>	Open	<b>13 / 90°</b>
	Max	<b>4 Kg.m</b>	Specific time	<b>13 50Hz/60Hz 90°</b>

### Electrical

Driving motor	Power	<b>DC 24V</b>	Frame size (Square)	<b>36 mm</b>
	Duty	<b>50%</b>	Insulation class	<b>E</b>
	Voltage	<b>DC 24V</b>	No of poles	-
	Max / Rated current	<b>0.45A</b>	Rated rpm(Motor)	<b>6300±10% rpm</b>
	Insulation potential test 1800VAC 1 Sec		Insulation resistance(500VDC Megger)	
Space heater	<b>1W</b>	Limit and torque switch ratings		<b>SPDT 250VAC/3A</b>

### Optional specification part

<input type="checkbox"/>	<b>WE</b>	Water Tigth Enclosure( <b>IP68</b> )	<input type="checkbox"/>	<b>ALS</b>	Additional Limit Switches ( <b>SPDTx2EA</b> )
<input type="checkbox"/>	<b>PU</b>	Potentiometer Unit ( <b>1KΩ</b> )	<input type="checkbox"/>	<b>EXT</b>	Extension Turning Angle 120°, 135°, 180°, 270°
<input type="checkbox"/>	<b>PCU</b>	Proportional Control Unit	<input type="checkbox"/>	<b>PTM</b>	Position Transmitter ( <b>4~20mA DC</b> )
<input type="checkbox"/>	<b>ATS</b>	Additional Torque Switches( <b>GQ-016~300</b> )	<input type="checkbox"/>	<b>LCU</b>	Local Control Unit,( <b>GQ-016~300</b> )

### Test, Inspection results

1. Auto/Hand clutch system	<input checked="" type="checkbox"/>
2. Limit switch setting	<input checked="" type="checkbox"/>
3. Torque switch setting ( <b>GQ-016~300</b> )	<input type="checkbox"/>
4. Wiring	<input checked="" type="checkbox"/>
5. Position indicator type	<input checked="" type="checkbox"/>
6. Appearance painting	<input checked="" type="checkbox"/>
7. Space heater	<input checked="" type="checkbox"/>
8. Option :	<input type="checkbox"/>

Tested by : J. Y. YIM

Approved by : T. G PARK *[Signature]*

Date : 2023. 04. 28