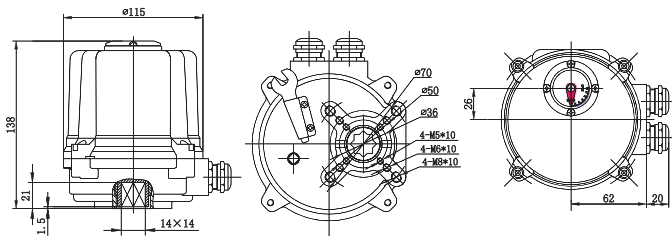


# NUTORK®

## Actuators & Valves



### NTQ-050 Quarter Turn Electric Actuator



NTQ-050 Electric Actuator is newly designed and invented for small size valve automation like ball, butterfly, plug and even dampers.

Small, light and compact design, high torque and various control options will meet your specific requirements. NTQ-050 provides high technical service & quality products for your automation system.

#### Features

- Robust hard anodized aluminium housing.
  - High resistance for corrosion due to hard anodizing on inside & outside and polyester power coating on external surface.
  - Output torque: 60Nm.
  - The motor of electric actuator is reversible, high torque and low current design.
  - Weatherproof: IP67.
- Designed esp. for small size valve.  
 --- Superior quality and high technical service.  
 --- Small, light, high torque and compact design.

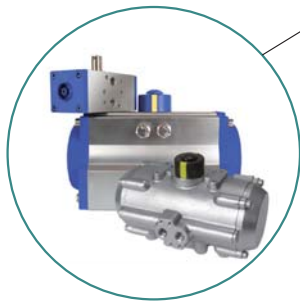
#### Performance

Actuator Model	Valve Conn. ISO5211	Output Torque (Nm)	Duty Cycle IEC34 - 1 S2 - %	Operating Time(Sec.) 50/60Hz	Motor Insulation Class	Rated Current (A)				No. of Handle Turn	Weight Kg.
						1Ph 230VAC	1Ph 110VAC	3Ph 380VAC	3Ph 440VAC		
NTQ-050	◇14-F03/05/07	50	35	21 / 18	F	0.15	0.25	0.09	0.13	10	2

#### Standard Specification

<b>Enclosure</b>	IP67
<b>Power Supply</b>	220V AC 1PH , 50/60Hz, ±10%
<b>Duty Cycle (on-off duty)</b>	S2 35%
<b>Motor</b>	Reversible motor
<b>Limit Switches</b>	1×open/close , SPDT, 250V AC 3A rating
<b>Additional Limit Switches</b>	2×open/close , SPDT, 250V AC 3A rating
<b>Space Heater</b>	2W (110/220V AC) Anti-condensation
<b>Manual Override</b>	Handwheel(hexagon design)
<b>Cable Entries</b>	Two PG13.5Tap (M20*1.5)
<b>Movement Angle</b>	90°±10° (0°-90°)
<b>Ambient Temperature</b>	-20°c ~70°c
<b>External Coating</b>	Polyester Powder Coating

**NUTORK CORP.** manufactures a wide range of pneumatic actuators, electric actuators and the accessories of pneumatic actuator (limit switchbox, solenoid valve, manual override ---etc.) for quarter turn valves



Rack & Pinion Type Pneumatic Actuator.  
**(Certificated by CE-ATEX/SIL3)**  
**Max. Output Torque: 9340Nm**



Scotch Yoke Type Pneumatic & Hydraulic Actuator.  
**(Certificated by CE-ATEX/SIL3)**  
**Max. Output Torque 293800Nm**



NTQ Series Electric Actuator  
IP67/IP68(30M@24hrs)Enclosure & EExdIIBT6Max. Output Torque 6000Nm  
Approved by SIL3/IP68/MD/LVD/EMC.



NTE Series Electric Actuator  
IP67/IP68(30M@24hrs)  
EnclosureMax. Output Torque 6000Nm  
Approved by SIL3/IP68/MD/LVD/EMC.



Limit Switchbox IP67/IP68(50M@72hrs)  
Enclosure & EExdIIBT6/EEExdIICT6



Solenoid Valve 3/2NC & 5/2 Way, Static O-ring Sealing Design.  
Aluminum & 316SS Body  
IP67 & EExdIIBT6/EEExdIICT6



Air Filter Regulator Aluminum Body with Vinyl Paint & 316SS Body.  
Size: 1/4" ~ 1"



Manual Override Aluminum & Cast Iron & Ductile Iron Body  
Max Output Torque 70000Nm



Ball valve (Floating ball design),  
We can provide different pressure rating/  
connection type/ operation mode.



Concentric Soft Seated Butterfly Valve  
High Performance Double Eccentric Butterfly Valve  
High Performance Triple Offset Metal Seated Butterfly Valve  
We can provide different pressure rating/ connection type/ operation mode.