

Spring Return Electric

Optional Manual Override Available



NEMA 4 Enclosure

A.C. Models Only
(Canadian Standard Association)

CSA NRTL/C Type 4



NEMA 7 Enclosure

A.C. Models Only
(Canadian Standard Association)

CSA NRTL/C Class I, Divisions 1 & 2,
Groups C & D

CSA NRTL/C Class II, Divisions 1 & 2,
Groups E, F, & G

CSA NRTL/C Approved to UL Standard No.
429, Electrically Operated Valves

CSA NRTL/C Approved to UL Standard No.
1203, Electrical Equipment for
use in Explosion - proof
And Dust - Ignition - proof
Hazardous (Classified) Locations

Models

SURE 24, SURE 25

Typical Application

For on/off and modulating control of:

- Part turn ball, butterfly, plug valves or rotary dampers when emergency shutdown or shutoff capability is required in the event of a loss of power.

Temperature Range

Standard: -40°F to +150°F
-40°C to +65°C

Optional: -60°F to +150°F
-50°C to +65°C

Optional: Compliance to NFPA 130, capable of operation after exposure to ambient temperature of 482°F (250°C) for a minimum of 1 hour

Voltage

115 VAC, 1 Phase, 50/60 Hz.
230 VAC, 1 Phase, 50/60 Hz.

Torque Range

300 pound inches spring end (34 newton meters)

Speed Range

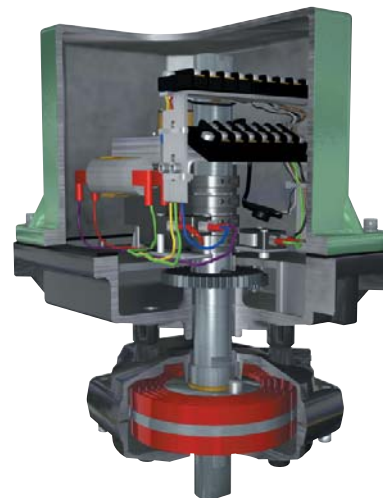
5 & 10 seconds for
90° revolution, motor operation
2 to 5 seconds spring operation

Spring

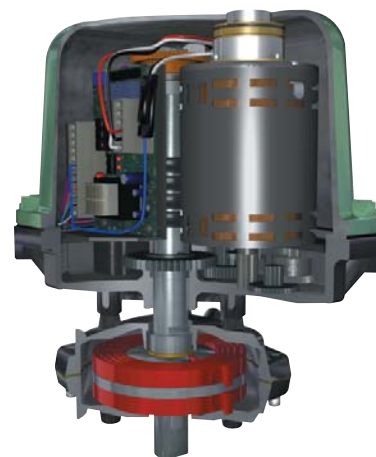
Flat, spring steel torsion spring,
XYLAN® coated

Standard Features

AC Voltages
2 - SPDT Switches,
PTC Heater, Motor Break



SURE 24

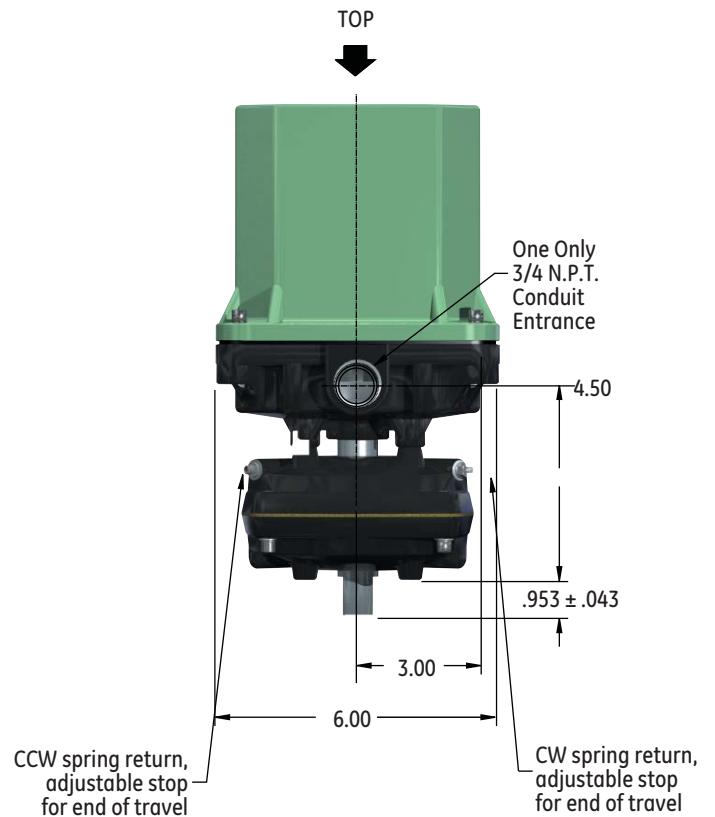
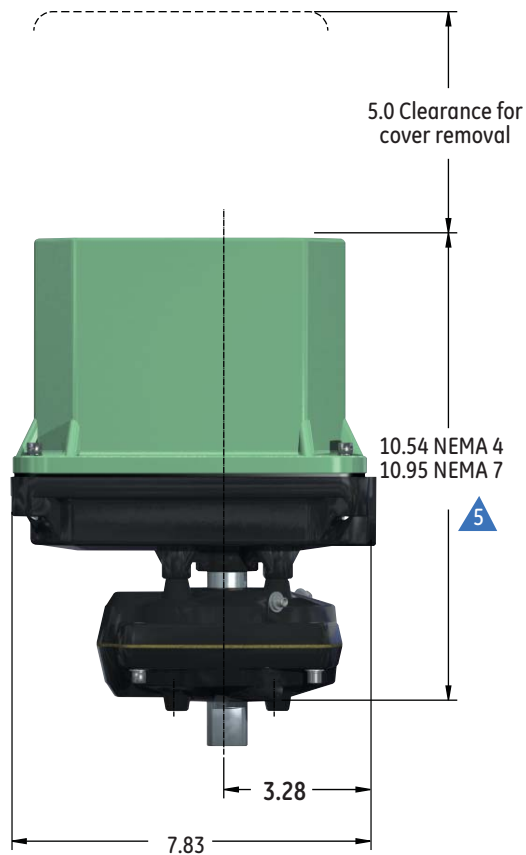


SURE 25

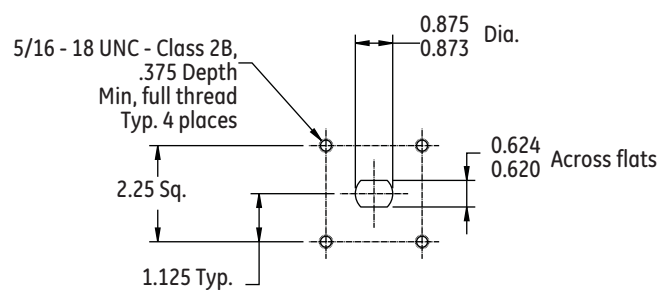
Spring Return Electric

Outline Dimensions (Inches) – SURE 24/25

Weight
23 lbs/10.4 kg



Mounting Geometry - Bottom View



Notes

1. Direction of rotation is based on viewing actuator from top.
2. Drawing shows actuator output shaft in power fail clockwise position.
3. Standard unit fails clockwise (closed).
4. Optional unit fails counter-clockwise (open).
5. NEMA 4 cover shown.
Dimensions given are accurate for NEMA 7.