

# Maxon Shut-Off and Vent Valves Hazardous Locations



*2" Series 808NI  
position "L"*



*2-1/2" Series STO-ANI-CP  
position "L"*



*3"-F Series 5000NI-S  
with flanged body  
position "L"*

- **Electrically actuated valves shut off gas or oil lines** in less than one second.
- **Normally open versions available** for vent or process purge lines with Maxon's long-lasting metal-to-metal seating.
- **Application flexibility provided** with 3/4" through 6" diameter line sizes,  $C_v$  flow factors up to 765, and line pressures up to 600 PSIG.
- **All Maxon top assembly enclosures meet approval sanctions:**
  - NEMA 1, 3, 3S, 4, and 12; Available with NEMA 4X trim (optional)
  - “NI” valves are FM approved for hazardous locations:
    - Class I, Division 2, Groups A, B, C, and D: T5 (AC)
    - Class II, Division 2, Groups F and G: T5 (AC)
    - Class III, Division 2: T5 (AC)
  - “NI” Valves are built in accordance with the Non-Incendive Component Criteria as outlined by NEC/NFPA 70-1996 Articles 500-2(a)(6)

## Normally Open or Normally Closed valves



*1-1/4" Series 4760NI  
position "L",  
socket welded nipples and flanges*



*1" Series STO-MNI  
position "R"*

- **Sanctioned service valve approvals:**

- FM (Factory Mutual) sanctioned
- IRI (Industrial Risk Insurers) approvable for block/bleed/vent systems
- Contact your Maxon sales representative for international sanctions information

- **Handles flowing fluid temperatures:**

- Rising stem bodies from -20°F (-28°C) to +140°F (+60°C)
- Swinging gate bodies from -20°F (-28°C) to +250°F (+121°C)
- Any ambient temperature from -20°F (-28°C) to +140°F (+60°C)

- **Valve bodies designed to ANSI** (American National Standards Institute) standards. ISO (International Standards Organization) standards also available.

- **Various application requirements met** with manual reset or automatic reset motorized operators.

- **Minimize line pressure drops** with straight-through flow swinging gate or rising stem (guillotine action) valve bodies.



## Maxon Valves – large or small, gas or oil, open or closed



*2-1/2" Series 5000NI-CP  
position "R"*



*3"-F Series 808NI-S  
with flanged body  
position "L"*

- **Minimal field maintenance required.**
  - **Positive visual indication of valve body position** is provided by large two-color open-shut indicator.
  - **Bodies built for heavy duty industrial service** of one-piece cast iron or cast steel.
  - **Installation piping convenience obtained** from field rotatable top assemblies.
  - **Special operating features** available in Special Service Packaged versions.
  - **Micro-lapped seating** wears in, not out.
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## Accessory Options



*2" Series 808NI  
position "L"  
with wheel & chain assembly*



*1-1/4" Series 5000NI  
with ISO threads  
position "TO"*

- **Positive indication of valve body position provided through:**
  - Auxiliary SPDT signal switches mounted inside valve top enclosure.
  - Proof-of-open and/or Proof-of-closed position switches.
- **Built-in over travel valve body design** meets requirements of insurance standards.
- **External junction box requirement eliminated** with built-in valve wiring compartment and electrical terminal block.
- **Manual reset valves may be mounted in overhead lines** with use of wheel and chain option.
- **Companion flange sets available** to simplify installation.