

PosiWell®

POSISAFE FUSIBLE LINK SAFETY SHUTOFF VALVES



A FAIL SAFE SOLUTION

In fire scenarios, the swift closure of valves is crucial to halt the continuous fuel supply sustaining the fire.

Typically, the sheer volume of valves needing closure poses a challenge, compounded by the inherent danger of manual operation during such emergencies.

Posiwell® presents its line of advanced fusible link assemblies designed for reliable automatic shutoff during fire emergencies.

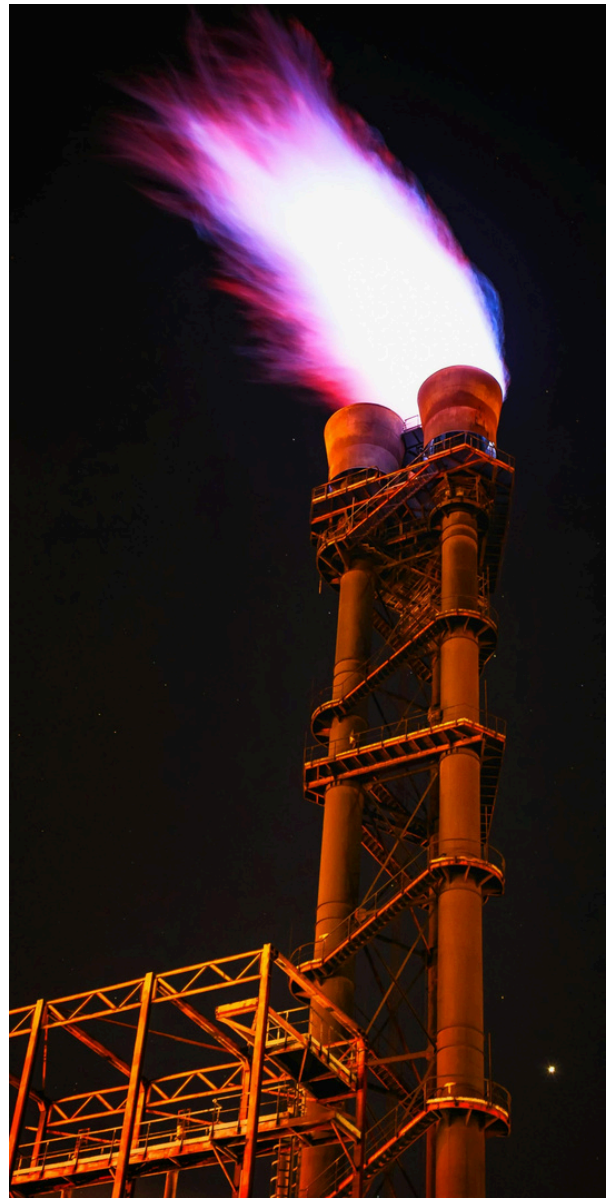
ADAPTABILITY

Suited for an event where remote emergency shutdown is difficult or impossible, the PosiSafe Fusible Link Assembly is specifically designed to be able to customize to any quarter turn valve.

EXPERIENCED

Drawing from over 3 decades of automation experience, Posiwell® engineers have the capability to design and implement these assemblies, even for valves of considerable size.

*Fusible links supplied are certified to UL and/or FM Approved



APPLICATIONS

Posiwell® PosiSafe Fusible Link Valves are used in a wide range of industries

- Oil and Gas Refineries
- Chemical Plants
- Power Plants
- Waste Treatment Facilities
- Food Processing Plants
- Aerospace
- Fire Protection Systems

KEY FEATURE

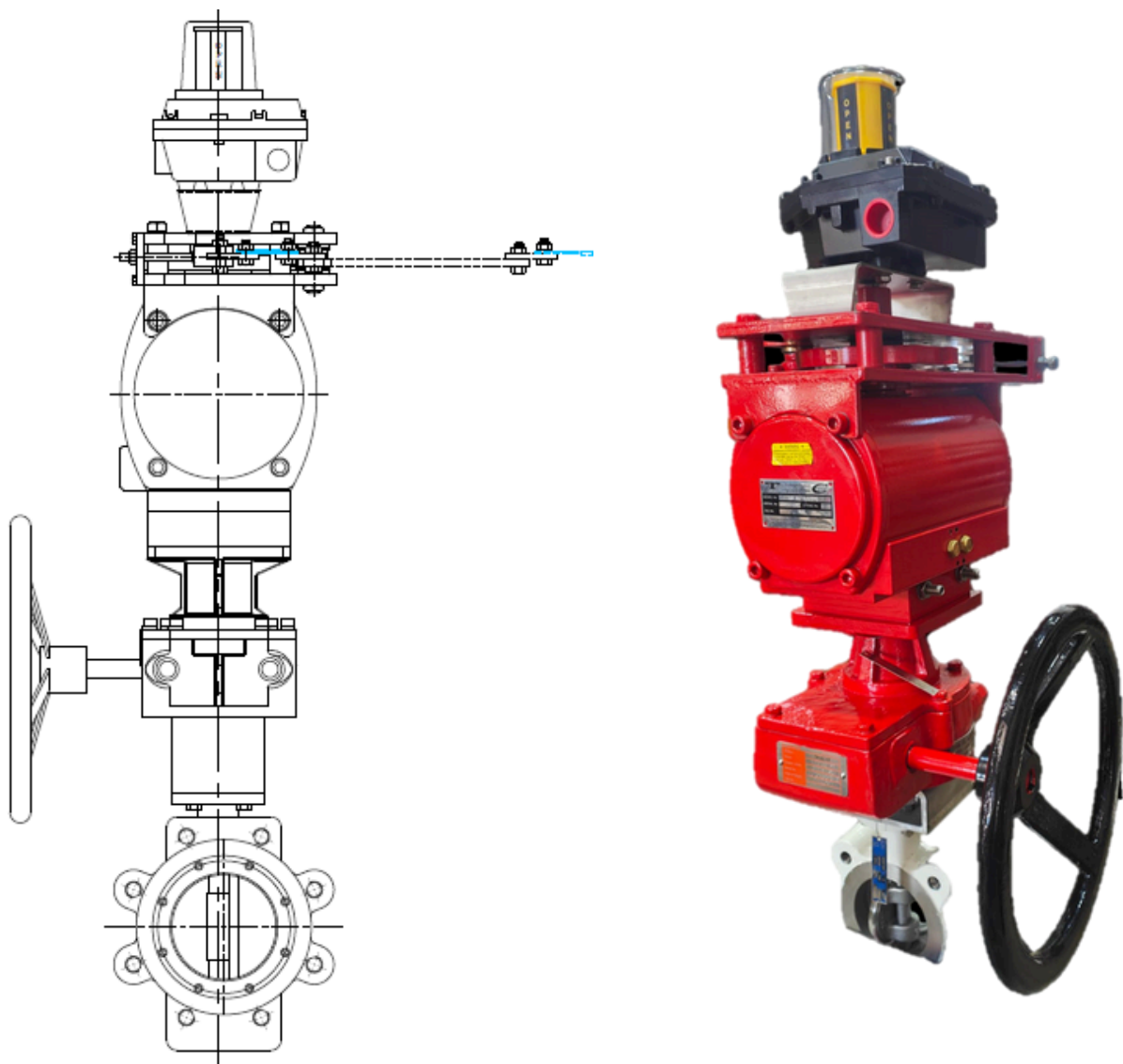
The PosiSafe Fusible Link Valves are engineered for applications where the installation of pneumatic lines or cabling by end-users is impractical. The PosiSafe is specifically designed to maintain its position without requiring an external air supply.

TEMPERATURE SENSITIVITY

The fusible element can be chosen accordingly to respond at a number of specific temperatures, ensuring precise activation when needed. Making the PosiSafe Fusible Link Valve highly reliable in fire-prone environments.

Available Temperatures
135°F / 57°C
165°F / 74°C
212°F / 100°C
280°F / 138°C
360°F / 182°C
450°F / 232°C

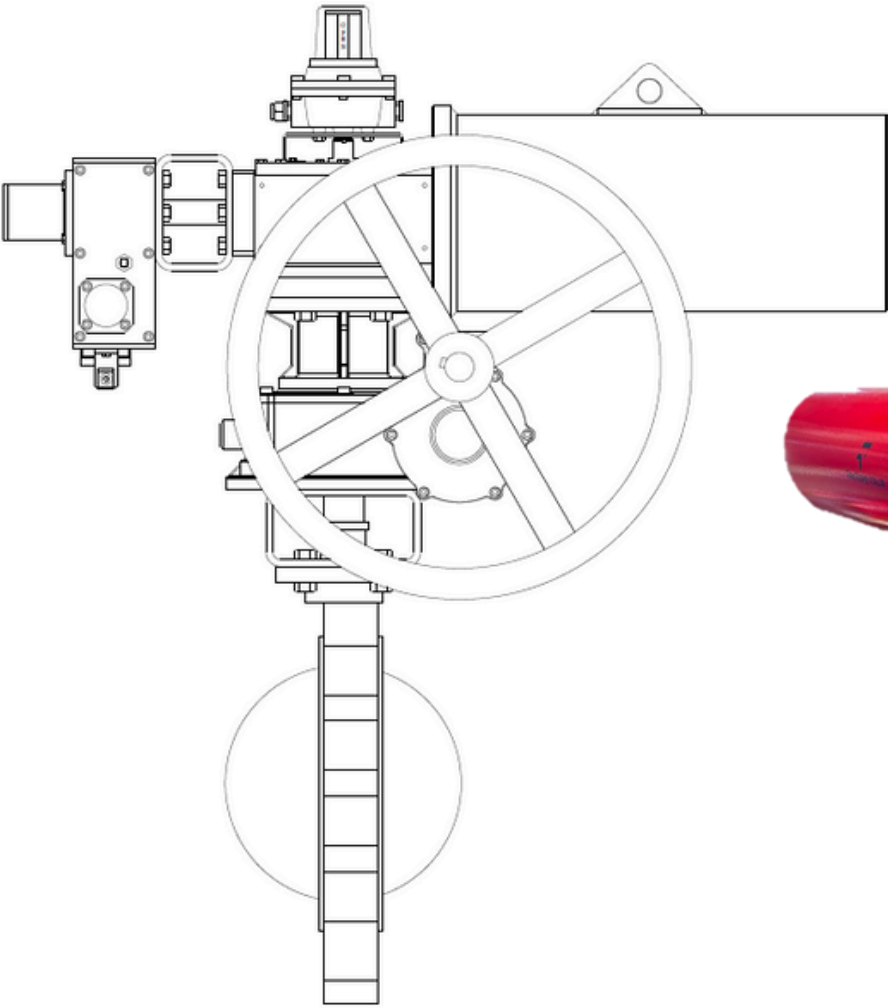
FOR SMALLER VALVES



For smaller valves, the springs within rack & pinion actuators are sufficient. However, in environments prone to corrosion, chemically nickel impregnation is also a viable option to enhance durability. Additionally, smaller scotch yoke actuators can be utilized as needed.

Description	Material
Quarter Turn Valve	Client Request
Rack & Pinion Actuator	Anodised Aluminium
Manual Override	Cast Iron
Locking Device	Carbon Steel
Fusible Link	Mfg. Std.

FOR LARGER VALVES



When dealing with larger valves, the limitations of the springs within rack & pinion actuators become evident. To address this, scotch yoke actuators are recommended due to their capacity to accommodate larger springs.

Description	Material
Quarter Turn Valve	Client Request
Scotch Yoke Actuator	Carbon Steel
Manual Override	Cast Iron
Locking Device	Carbon Steel
Fusible Link	Mfg. Std.



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