

Flanged ESVs for Bulk Plants with Electric Actuator EFA6010, EFA6016 and EFA6024

Application

Designed for installation in liquid transfer lines at LP-Gas or Anhydrous Ammonia bulk plants to provide for quick shut-off of liquid or vapor flow in the event of an accidental pull-away, line break, or hose rupture.



Features

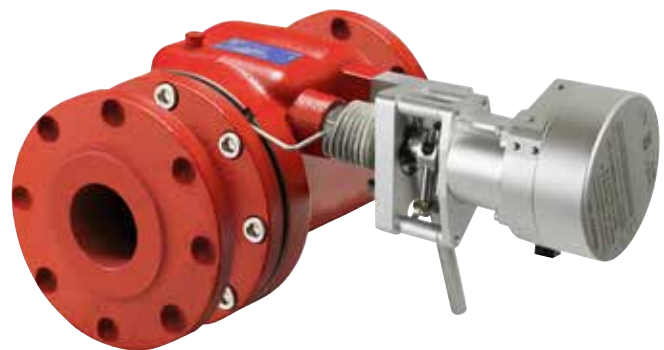
- Fusible Element is located in the thermal fuse assembly which acts at the latch open and close trigger. When exposed to fire, the element melts at 212° F allowing the shaft to return to the closed position.
- The EFA6010, EFA6016 and EFA6024 provide a convenient means of electrically opening and closing the valve from a remote location.
- Seat Disc is retained by a metal seat to minimize leakage in case of direct fire impingement.
- Quick closing regardless if the pump is running or not.
- CSA/UL rated Explosion Proof Enclosure on the actuator.
- Class I, Div 1 Groups B, C, D, / T6
- 12-24VDC
- ESVs and Electric Actuators are UL Listed

Sturdy Rugged Construction

- Will withstand hydraulic shock of sudden closings, piping strains, and temperature variations.
- Valve has only two moving parts, stem and close/thermal trigger.
- UL listed for use in LP-Gas as an emergency and operating shut-off valve.
- Stem seals are spring loaded for leak free performance at low temperatures/pressures.

Materials

Body Ductile Iron Cad Plated
 Stem Stainless Steel
 Seat Stainless Steel
 Seat Disc (EFA6010/16/24) Nitrile
 Springs Stainless Steel
 Stem Seals Teflon



Ordering Information

Part Number	Seat*	Inlet and Outlet Connections	Voltages	Liquid Flow Capacity at 10 PSIG Drop (GPM)	
				LP-Gas	NH ₃
EFA6010	Buna-N	1¼" - 300# ANSI RF Flange	12/24 VDC	259	233
EFA6016		2" - 300# ANSI RF Flange		711	640
EFA6024		3" - 300# ANSI RF Flange		1325	1173

* Viton seat available on request.