

2" & 3" Swing-Check ESVs for Bulk Plants 6016 Series and 6024 Series

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

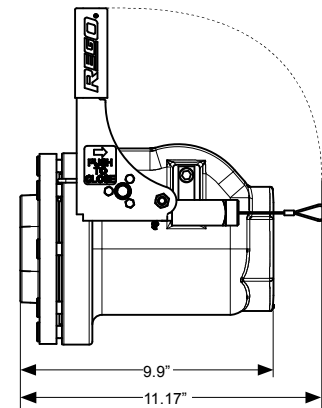
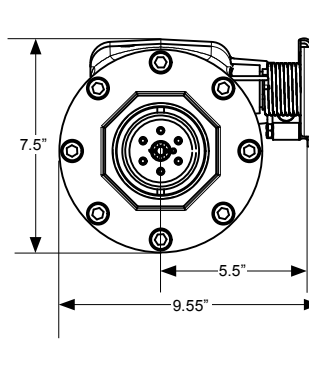
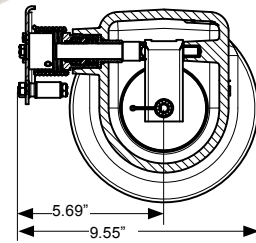
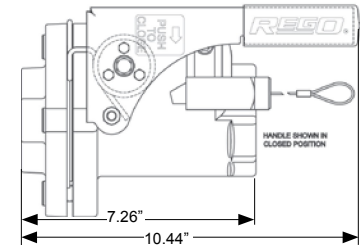
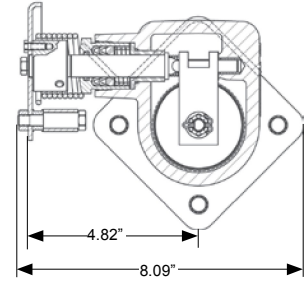
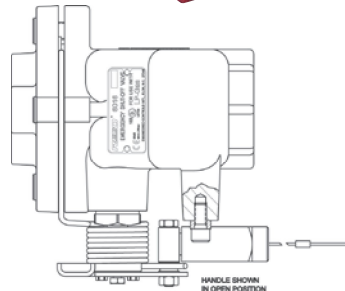
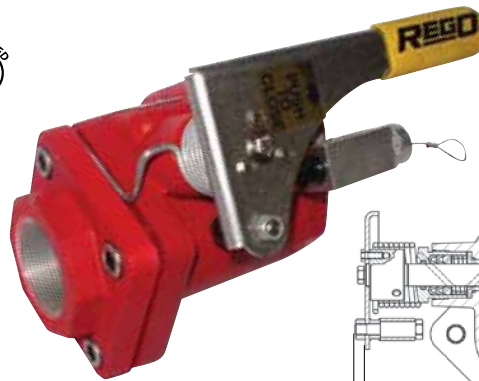
- Fusible Element is located in the thermal fuse assembly which acts at the latch open and close trigger. When exposed to fire, the element melts at 212 degrees F. allowing the shaft to return to the closed position.
- Valve can be opened by use of operating lever, if a pneumatic actuator is used it will open with the actuator.
- Valve can be closed by remote cable or pneumatic actuator.
- Valve can be closed by simply pushing the operating lever down, it is not necessary to trip the close trigger.
- Seat Disc is retained by a metal seat to minimize leakage in case direct fire impingement.
- Straight through design allows for a liquid flow of 230 GPM (LPG) with only a 1 psig drop. (6016)
- Quick closing regardless if the pump is running or not.

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.
- 6016 is 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 (6016)..... High Temperature Viton
 Seat Disc (AA6016)..... Synthetic Rubber
 Springs Stainless Steel
 Gaskets Teflon



Ordering Information

Part Number	For Use With:	Inlet and Outlet Connections	Liquid Flow Capacity at 10 PSIG Drop (GPM)
6016	LP-Gas	2" F-NPT	711 (LP-Gas)
AA6016	NH ₃	2" F-NPT	640 (NH ₃)
6024	LP-Gas	3" F-NPT	1325 (LP-Gas)
AA6024	NH ₃	3" F-NPT	1173 (NH ₃)

J10

1 1/4" Swing-Check ESV for Bulk Plants 6010 and AA6010

Application

Designed for installation in liquid or vapor 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

Meets NFPA 58 and UL requirements

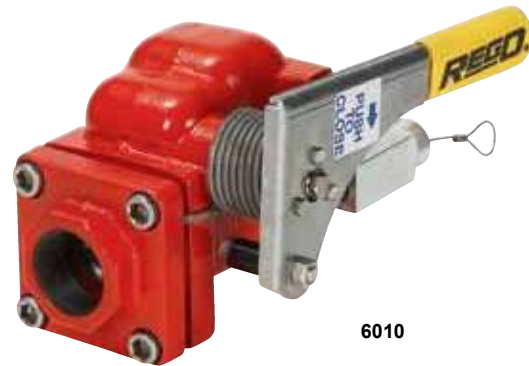
- Fusible Element is located in the thermal fuse assembly, which acts at the latch open and close trigger. When exposed to fire, the element melts at 212 degrees F. allowing the shaft to return to the closed position.
- Valve can be opened by use of operating lever, if a pneumatic actuator is used it will open with the actuator.
- Valve can be closed by remote cable or pneumatic actuator.
- Valve can be closed by simply pushing the operating lever down; it is not necessary to trip the close trigger.

Sturdy Rugged Construction

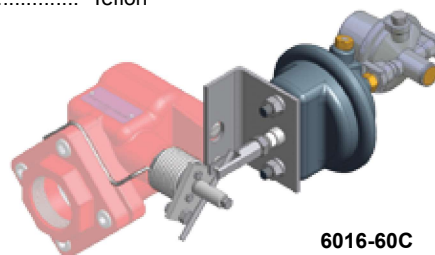
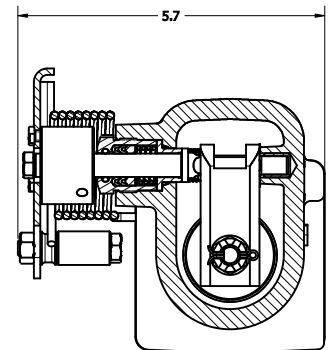
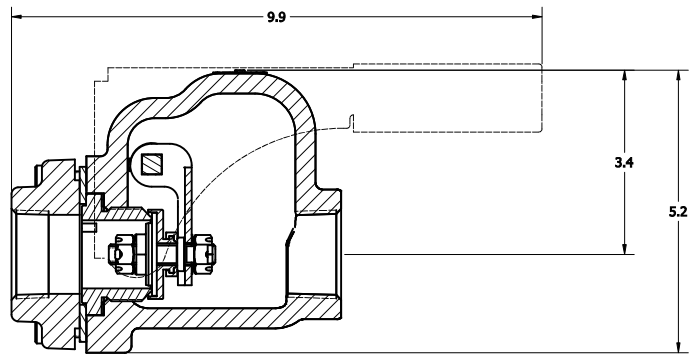
- Will withstand hydraulic shock of sudden closings, piping strains, and temperature variations.
- Valve has only two moving parts, stem and close/thermal trigger.
- 6010 is UL listed for use in LP-Gas as an emergency and operating shut-off valve.
- Stem seals are spring loaded for leak free performance at low temperatures/pressures.
- Seat Disc is retained by a metal seat to minimize leakage in case direct fire impingement.
- Quick closing regardless if the pump is running or not.

Materials

Body Ductile Iron Clad Plated
 Stem Stainless Steel
 Seat Stainless Steel
 Seat Disc High Temperature Viton (6010 only)
 Seat Disc Synthetic Rubber (AA6010 only)
 Springs Stainless Steel
 Gaskets Teflon



6010



6016-60C



6016-60D

Ordering Information

Part Number	For Use With	Inlet and Outlet Connections	Accessories		Liquid Flow Capacity @ 10 PSIG Pressure Drop (GPM)
			Remote Pneumatic Close	Remote Pneumatic Open/Close	
6010	LP-Gas	1 1/4" F. NPT	6016-60D	6016-60C	259
AA6010	NH ₃	1 1/4" F. NPT			233