

**SERIES Q 146 & Q 147 GAUGE VALVES
FOR REFLEX OR TRANSPARENT FLAT GLASS GAUGES**

These valves are manufactured for a different variety of services such as standard trim, sour gas trim, NACE Trim and Low Temperature. All valves have a dropped forged doby with screwed bonnet and integral seat. These valves have a unique floating shank tail piece for up to 1/4" inch variation in vessel connection centre distance.

Pressure rating 2500 lbs @ 100°F, 1400 lbs @750°F

COMMON FEATURES FOR SERIES Q146 & Q147

The valves are equipped with a stainless steel ball check to shut off flow automatically in case of glass breakage. The bonnet is part of the valve body in the form of a thread. A union vessel connection which makes it easy to install valves on to the vessel and allows ¼ inch variation in vessel centers. Union connection could be ½ inch or ¾ inc N.P.T., spherical ½ inch, or flanged. These valves have offset pattern bodies which means that the gauge connection and drain are off center by 7/8 inch from the center line of the vessel connection. Due to offset pattern, the gauge could be cleaned by removing the drain plug on valve without disassembling the gauge. The material is dropped forged steel bodies that conform to ASTM requirements, the hand wheel is malleable iron.

EXTRA FEATURES FOR Q147 VALVE COMPARED TO Q146 VALVE

Q147 valve have union gauge connection which could be ½ inch or ¾ inch female connections.

STANDARD CONNECTIONS FOR Q146 AND Q147 SERIES

- Vessel - ¾ inch N.P.T. male
- Drain - ½ inch N.P.T. female
- Gauge - ½ inch N.P.T. female

Optional Connections

- Vessel
 - ½ inch male or female
 - ¾ inch female or male
 - socket weld, flanged or solid shank
- Gauge
 - ¾ female for Q146
 - ½ inch or ¾ inch male or female on union for Q147



Q 147



Q 146