

**Series Q76BL & Q77BL Gauge Valves
for Reflex or Transparent Flat Glass Gauges.**

These valves are designed for use with flat glass gauges, instrument piping and for applications requiring a lightweight valve. They have a bolted bonnet and Outer Stem & Yoke construction

Pressure rating 3000lbs @ 100°F

Q76BL Valve: Offset pattern with female NPT gauge connection.

Q77BL Valve: Offset pattern with union gauge connection.

Common features for Series Q76BL and Q77BL.

Safety shut-off:

The valves are equipped with a stainless steel ball check to shut off flow automatically in case of glass breakage.

Offset pattern:

These valves are designed so that the gauge and the drain connections are offset 7/8 inch from the centre line of the vessel connection. Due to offset pattern, the gauge could be cleaned by removing the drain plug, without disassembling the gauge.

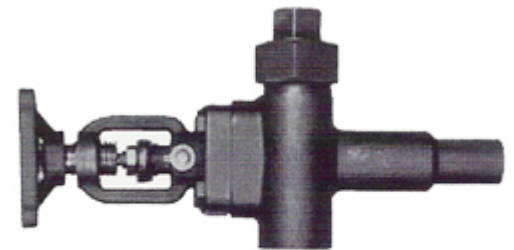
OS & Y and back-seating stem:

The forged yoke supports the stem away from the valve body so the threaded portion of the stem is unaffected by the heat and does not come into contact with any process fluids. The stem has a back-seating which allows for re-packing the valve under pressure.

Renewable Seat: The removable seat may be replaced.



Q76 BL Gauge Valves



Q77 BL Gauge Valves

Extra Features for Q77BL Valve compared to Q76BL.

The Q77BL Valve has a union gauge connection which allows a top and bottom connected gauge to be turned to any chosen angle for the most suitable visibility. This feature also makes possible the removal of the gauge without removing the valves.

Optional Features

Bleed Fitting:

A bleed fitting is available making it possible to bleed pressure from the valve and connected instruments without breaking the threaded connection. The bleed fitting is designed so its stem can not be withdrawn accidentally. It is tapped for 1/8" NPT connection.

Ballcheck: Valves may be furnished with a ballcheck which shuts off the flow of medium in case of a upstream rupture. Nos. Q77BL may have a downstream or upstream ballcheck. For downstream install in bottom valve only when used in conjunction with end connection gauges.

Standard connections for Q66 and Q67 series.

Vessel -3/4 inch NPT male, non-union
Drain -1/2 inch NPT female
Gauge -1/2 inch NPT female

Optional connection

Vessel -1/2 inch or 1 inch male or weld end or flanged to requirements
Gauge -1/4, 1/2, or 3/4 inch male or female