

ARCHON Tubular Gauge Valve Model TV55

ARCHON Model TV55 Tubular Gauge Valve

ARCHON'S TV55 tubular valves are constructed from cast steel bodies, stainless steel trim, safety ball checks that automatically shut off flow if the glass breaks, and four guard rods providing added safety. Ball checks can be removed upon request for use with steam applications. Various connection types are available that are adaptable to most piping requirements.

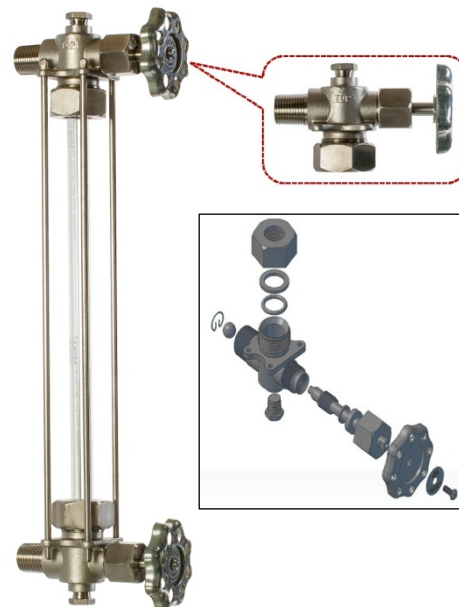
The drain and vent connections are in direct line with the TV55 liquid chamber and center line of the vessel connections. The TV55 unit also offers quick cleaning of inside the glass through the vent and drain connections without removing the gauge from service.

Standard features include:

Ball Checks in Top and Bottom Valves
Graphite Stem Packing
Zinc Handwheel
4 Stainless Steel Guard Rods (3/16" Ø)
5/8" Glass with 1/2" NPT
3/4" Glass with 3/4" NPT

Glass options include:

High Pressure
Red Line Glass
Heavy Wall



PRESSURE RATING

UP TO 500 PSIG

STEAM APPLICATIONS

UP TO 50 PSIG

TEMPERATURE RATING

350°F WITH VITON O-RING

200°F WITH EPDM / BUNA O-RING

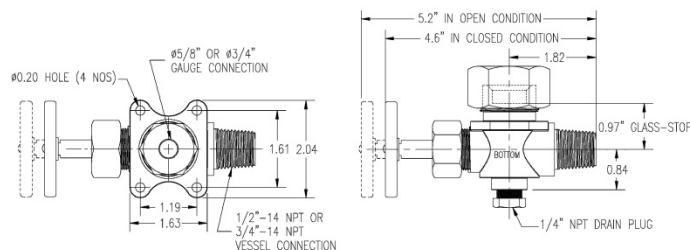
400°F WITH FEP SILICONE O-RING

VISIBLE LENGTH = [VESSEL C-C] - 3.50"

GLASS LENGTH = [VESSEL C-C] - 2.00"

VALVE SET WEIGHT: 3 lbs

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TV55 Ordering:

TV55 . XX / YY - A B C

Tube OD
58 - 5/8"
75 - 3/4"

Vessel Connection
50 - 1/2" NPT
75 - 3/4" NPT
50F - 1/2" 150# FLANGED
75F - 3/4" 150# FLANGED

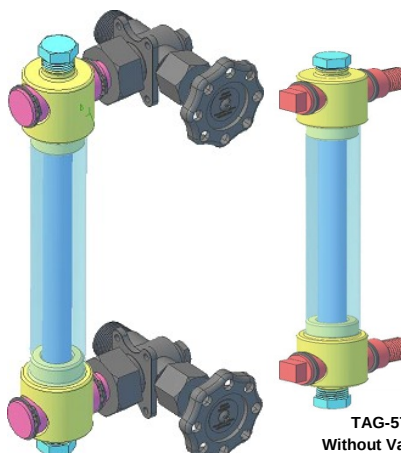
BODY
1 - CS
6 - SS316

SEALING MATERIAL
2 - EPDM
3 - BUNA
9 - VITON
64- FEP SILICONE

TRIM
*1 - CS
6 - SS316

*Non-Standard

Optional Tubular Armored Level Gauge Model TAG-57



The TAG-57 model level gauge along with TV-55 valves is a sturdy alternative to the tubular gauge with guard rods. This gauge has a polycarbonate tube to protect the glass from breakage at the same time providing full view of the process fluid inside the glass tube. It provides more visible length for the same vessel C-C than direct mounting of the glass to the valves.