



*Schedule 5, 10 and 40 butt weld valves are not drainable in a horizontal line.

Interior/Exterior Electropolish available

FEATURES

BENEFITS

Adjustable Travel Stop:	Prevents overclosure of the valve and prolongs diaphragm life. Typically an option, however, ITT provides the Adjustable Travel Stop as a standard.
Brass Bushing:	Prevents the stem from galling in the bonnet throat during washdown and autoclave applications.
Body Selection:	316L stainless steel forged bodies, investment cast bodies and wrought bodies are available
Diaphragm Selection:	FDA compliant diaphragms include EPDM, Black Butyl, White Butyl, Buna N, Pure Gum Rubber and PTFE.
Drainability:	Permanent hash marks on castings and drain dots on forgings simplify the orientation of the body to optimize drainability. Refer to the General Engineering Data section for further information.
Enclosed Fasteners:	In the Thermoplastic bonnets, the stainless steel nuts are concealed within the bonnet housing to provide a smooth washdown surface, free of crevices and area for fluid entrapment.
Electropolish:	Provides a chromium rich, passive surface, and serves as a quality assurance mechanism revealing surface flaws and weld defects which mechanical polishing may conceal. Electropolish is available on the interior or exterior valve surface.
Floating Tube Nut Design:	Prevents point loading on the diaphragm stud during closing operations and hence reduces the chance of stud pull out.
Interior Surface Finishes:	Standard surface finishes from as-cast to 11 μin (.28 μm , 320 grit) R_a are available.
Material Tracability:	Through a permanently stamped heat number on the exterior valve body, the material composition can be traced and furnished by requesting Certified Mill Tests Reports (CMTR).
"O" Ring Furnished Bonnet:	Buna N "O" rings are supplied as standard in the 900 series bonnet and prevent the accumulation of fluids in the bonnet area during washdown protocols.
Permanent Lubrication:	Reduces periodic lubrication and hence maintenance time (FDA compliant).
Position Indicator:	A bright yellow visual position indicator is provided as standard.
Protective Cap:	Acrylic or Polyphenylsulfone cap prevents atmospheric conditions or washdown fluids from entering the bonnet internals.
Quality Assurance:	Quality is a top priority at ITT and is assured by performing key operations in-house. Our quality assurance procedures are available for your review upon request.
Hygienic Internals:	Stainless steel stem, roll pin and bronze compressor are available upon request.
Sealed Bonnet:	A "V" notch vent plug serves as a leak detector and provides a secondary containment area for process fluids in case of diaphragm failure.
Streamlined Fluid Passage:	A smooth, contoured, interior surface with the minimizing of pockets prevents accumulation of process fluids or contaminants.
Top Entry:	Allows the valve to be maintained without removing the body from the process system, and minimizes downtime.