TANDEM ACCESS VALVE

Manual or Pneumatically Actuated Forged body 2-way valves with access port

Tandem access valves (like ported valves) provide access to the interior of the body at the lowest possible cross section when the body is oriented at the optimal drain angle. However, a secondary valve is included so that you can control the flow for sampling, steam sterilization, purging or condensate drainage. Final configuration detail is confirmed with you prior to fabrication.

SPECIFICATIONS AND FEATURES*

Available Sizes:

» Inlet and Outlet: 1/2" - 4" (DN15 - DN100)

» Access Port: 1/2" - 1" (DN15 - DN25)

Connection Type:

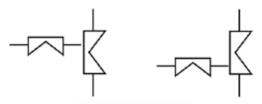» Tri-clamp, Extended Tube End

Materials:

» Standard: Forged EN10272:2000 Gr 1.4435 316L

» Optional: Contact factory

Surface Finish:

» Wetted Interior:
  - Standard:
    • ASME BPE SF1, 20 Ra μin (0,5 Ra μm)
    • ASME BPE SF5, 20 Ra μin (0,5 Ra μm) Electropolish
  - Optional:
    • ASME BPE SF4, 15 Ra μin (0,4 Ra μm) Electropolish. Better finish upon request

» Exterior: as forged, Electropolished

* See page 2 & 3 for GENERAL FEATURES, GENERAL SPECIFICATIONS regarding features and specifications that apply to all valves

Please Contact Factory regarding dimensional drawings and how to order. All queries are welcome. All queries are welcome.

APPLICATIONS

Single Valve Wier valve with access port for sampling, SIP, purging or condensate drainage. Manual on/off or Air Actuated Control of Drug Process Additives, Drug Products and Clean Utilities

» Upstream:
  - Bioreactor/Fermenter: For use on WFI, growth media, intermediate drug product, clean steam and clean utility fluids
  - Perfused Bioreactors: Retentate fluid

» Downstream:
  - For use on WFI, buffers, solvent, intermediate and finished drug product, clean dry air and gas, clean steam, and clean utility fluids in the following production area
    • Separation
    • Filtration
    • Chromatography
    • Formulation
    • Fill Finish

» Buffer and Media Prep:
  - For sampling, purging or draining of WFI, buffers, growth media or clean utility fluids