DelVal Flow Controls

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Product Specification for Industrial Split Body Centric Butterfly Valves

Valve Type: Series 40 Wafer or Series 41 Lugged

Body:

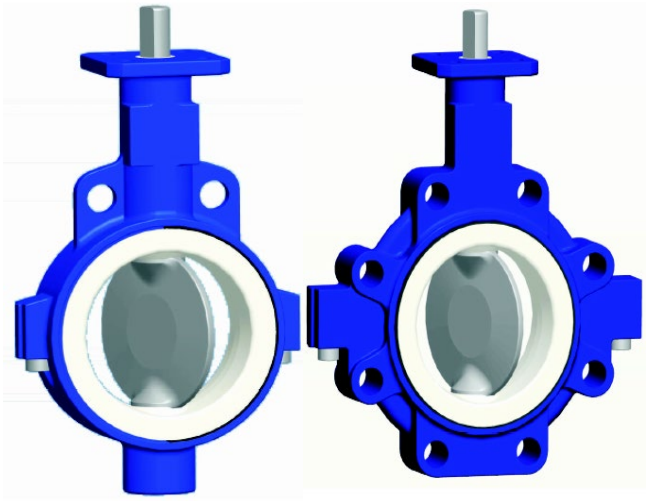
- Heavy-duty, two-piece body with extended neck for 2” piping insulation. Standard coating is two coats of hard, zinc-rich epoxy primer and polyurethane top coat for excellent corrosion resistance.
- Flange locating holes shall be provided on wafer bodies to allow for quick and precise alignment during valve installation.
- Flange hole drilling as per international flange standard as specified.
- Heavy-duty acetal bushing absorbs the forces acting on the stem/disc assembly due to line pressure.

Disc / Stem:

- One-piece disc/stem in high strength design. Available in stainless steel and other alloy steel (thin profile, with polished edge and hubs).
- Precision machined radius on the upper and lower disc hubs is pressed against upper and lower seat sealing faces for achieving primary sealing between disc and stem.

Seat:

- Unique heavy duty seat design virtually eliminates any seat movement during the seating and unseating of the disc. Available in PTFE lined EPDM materials.



Bi-directional Service: (With downstream flanges and disc in closed position)

2”-24” (DN 50 – DN 600) 150 psi (10.0 barg)

Dead-End Service:
(No downstream flanges and disc in closed position)

2”-24” (DN 50 – DN 600) 150 psi (10.0 barg)

Design: BS EN 593

Testing: BS EN 12266-1 & ISO 5208

Approvals & Certifications:

- CE/PED Certification

Material of Construction:

- **Body:** ASTM A126 Gr B / ASTM A395 Gr 60-40-18 / ASTM A216 Gr WCB / ASTM A351 Gr CF8M.
- **Disc / STEM:**
  a) Stainless Steel / Duplex Steel
  - 2”-12” (DN50-DN300) One Piece Investment Cast
  - 14’’-24” (DN350-DN600) One Piece Fabricated.
- **Seat:** PTFE lined EPDM.

Seat Temperature Range:

Seat	Temperature Range	
	Min.	Max.
PTFE Lined EPDM	-20^{O} F (-29^{O} C)	266^{O} F (130^{O} C)