



DIAPHRAGM VALVES

Figure No VDV-ST10

ST- STRAIGHT THROUGH TYPE - UNLINED or RUBBER LINED RISING HAND WHEEL

Size Range : 25mm 50mm scr, 25mm– 200mm flg

Flanged End : AS D/E, DIN16, ANSI 150FF

Screwed End : BSPT, BSPP NPT

Pressure ratings: 25mm - 50mm 10 Bar (145psi) scr, 25mm -100mm 10bar, 125-150 6 bar (87psi) 200 5 bar flg

Features

- EN 12266-1 bubble-tight shutoff
- Only 3 parts for maintenance
- Can handle up to 98% solids
- In-line serviceable (top entry)
- Cavity free design
- Position indicator
- Excellent control characteristics
- Low fugitive emissions
- Line media isolated from valve mechanisms
- No rotational seat wear = longer life
- Multivariable installation positions
- No stem seal leakage
- Vacuum capability
- Lined versions resistant to corrosion
- Bi-directional

Actuator - Operator CdHjcbg

Locking device (for isolation)

- Chain-wheel
- Pneumatic (DA or SR)
- Electric
- Hydraulic

Lining Options

- Hard Rubber AKA Ebonite
- SRL
- EPDM
- Butyl
- Neoprene
- FBE

Material Specifications

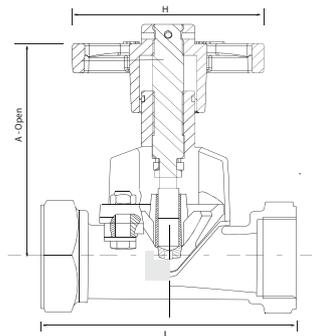
- Cast Iron (ASTM A126 Gr Cl B)
- Cast Ductile Iron (ASTM A395 Gr 60-40-18)
- Carbon Steel (ASTM A216 Gr WCB)
- Stainless Steel (ASTM A351 Gr CF8, CF8M, CF3, CF3M)



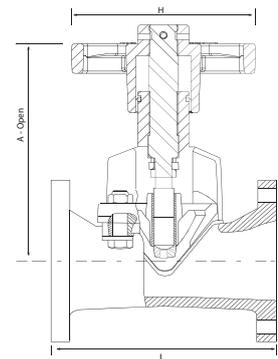
Unlined only



Unlined or lined



	L	A	H (mm)
DN25	111	149	124
DN32	121	149	124
DN40	143	151	124
DN50	168	188	170



	L	A	H (mm)
DN25	127	149	124
DN32	146	149	124
DN40	159	151	124
DN50	190	188	170
DN65	216	262	240
DN80	254	270	225
DN100	305	298	225
DN125	356	419	368
DN150	406	405	355
DN200	531	415	368

Dimension L lined is 7mm longer

DIAPHRAGM MATERIALS

- Natural rubber (NR)
- EPDM rubber
- Butyl rubber
- Nitrile rubber
- Neoprene rubber
- Hypalon rubber
- Viton rubber (FKM/FPM)

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