



# DIAPHRAGM VALVES

## Figure No VDV-WT16

### WT- WEIR TYPE - UNLINED or RUBBER LINED RISING HAND WHEEL

**Size Range :** 15mm 50mm scr, 15mm– 300mm flg

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

**Screwed End :** BSPT, BSPP NPT

**Pressure ratings:** 15mm - 50mm 16 Bar (230psi), 65mm and above 10bar (145psi)

#### Features

- EN 12266-1 bubble-tight shutoff
- Only 3 parts for maintenance
- Can handle up to 15% solids
- In-line serviceable (top entry)
- Cavity free design
- Position indicator
- Excellent control characteristics
- Low fugitive emissions
- No stem seal leakage
- Line media isolated from valve mechanisms
- No rotational seat wear = longer life
- Multivariable installation positions
- Vacuum capability
- Lined versions resistant to corrosion
- Bi-directional

#### Actuator - Operator CdHcbg

Locking device (for isolation)

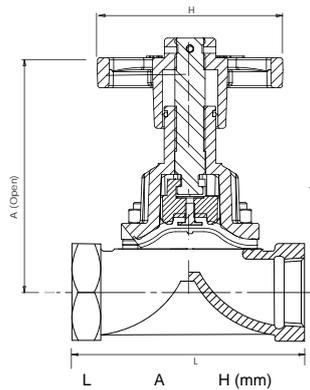
- Chain-wheel
- Pneumatic (DA or SR)
- Electric
- Hydraulic



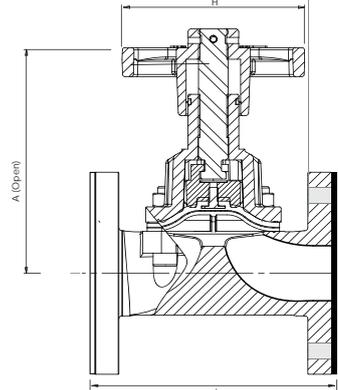
Unlined only



Unlined or lined



	L	A	H (mm)
DN15	64	110	64
DN20	83	122	65
DN25	108	131	87
DN32*	121	143	124
DN40	140	169	123
DN50	165	199	123



	L	A	H (mm)
DN15	114	110	64
DN20	123	122	65
DN25	133	131	87
DN32*	152	143	124
DN40	165	169	123
DN50	196	199	123
DN65*	222	231	185
DN80	260	250	225
DN100	313	325	275
DN125*	364	389	360
DN150	414	457	355

Dimension L unlined is 7mm shorter

#### DIAPHRAGM MATERIALS

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

#### Material Specifications

- Cast Iron (ASTM A126 Gr CI 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)

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