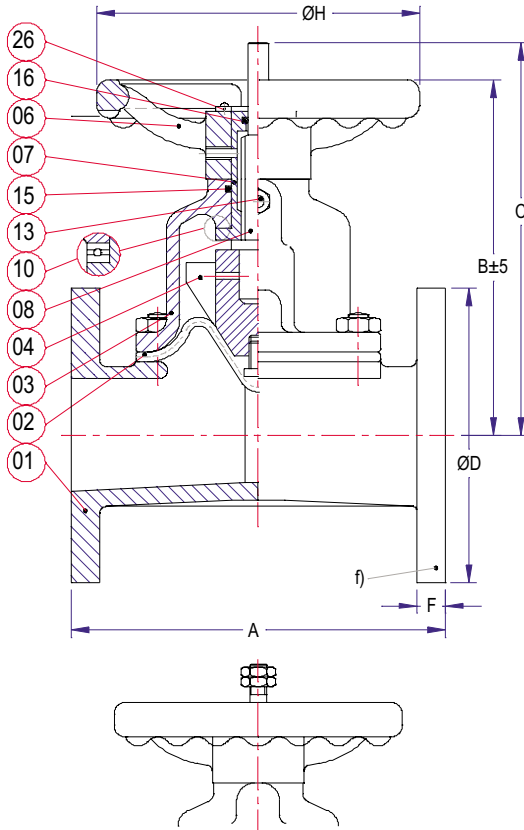




Unlined



| PT.NO. | Part Name | Material |
|--------|---------------------------------------|----------------------------------|
| 01 | Body # | CI /DI /S G IRON /WCB /CF8 /CF8M |
| 02 | Diaphragm ^{a)} | |
| 03 | Bonnet | CI /WCB /CF8 /CF8M |
| 04 | Compressor | CI /WCB /CF8 /CF8M |
| 06 | Handwheel | CI |
| 07 | Stem Bush | S.G.IRON |
| 08 | Stem | 410 |
| 10 | Thrust Bearing ^{b)} | Steel |
| 13 | Lubrication Fitting ^{c)} | Brass |
| 15 | 'O' Ring seal (Bushing) ^{d)} | Buna - N |
| 16 | 'O' Ring seal (Stem) ^{d)} | Buna - N |
| 26 | Name Plate ^{e)} | 304 |

- a) Diaphragm Hardness : _____ Shore 'A'
- b) For Sizes 80 and Higher
- c) Applicable for sizes 125 & Higher, Not Applicable for Sealed Bonnet
- d) For Sealed Bonnet only (Sealed Bonnet available on request)
- e) For sizes 125 & Higher on Flanges
- f) Flange Drilling

Note.

- 1) Valve Length = EN 558-1 Series 7 (BS 5156) & EN 558-1 Series 1 (DIN 3202 Series F1)
- 2) Weight (Wt) indicated is approximate.
- 3) Valves with body material in Carbon Steel, Stainless Steel have Flanges with raised face.

Design Standard: EN - 13397 (2001) (BS 5156)
 Testing Standard: prEN - 12266- 3(1995) / BS6755 - I

All Dimensions are in mm.

| Size | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | |
|----------------|--------------|---------|-------|-------|-------|-------|------------|------------|----------|-------|-------|------|------|------|-----|
| A | Series 7 | 108 | 117 | 127 | 146 | 159 | 190 | 216 | 254 | 305 | 356 | 406 | 521 | 635 | 749 |
| | Series 1 | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 | 730 | 850 |
| B | 87 | 87 | 109 | 109 | 109 | 143 | 174 | 202 | 240 | 268 | 429 | 416 | 540 | 635 | |
| C | 92 | 92 | 120 | 120 | 120 | 169 | 207 | 240 | 280 | 345 | 520 | 516 | 665 | 795 | |
| Ø D | 95 | 105 | 115 | 133 | 150 | 165 | 185 | 200 | 229 | 254 | 285 | 343 | 406 | 483 | |
| Ø H | 70 | | 100 | | | 140 | 180 | 225 | | 310 | 368 | | 587 | | |
| F | 12.0 | 12.0 | 12.0 | 12.0 | 15.0 | 17.5 | 18.0 | 19.0 | 23.8 | 23.8 | 20.0 | 22.0 | 24.0 | 24.0 | |
| Wt. kg | Series 7 | 2.4 | 2.8 | 4.2 | 4.5 | 5.5 | 10 | 15 | 25 | 32 | 55 | 85 | 144 | 188 | 330 |
| | Series 1 | 2.5 | 3.0 | 4.5 | 5.5 | 6.0 | 10.5 | 15.5 | 26 | 33 | 57 | 87 | 146 | 192 | 335 |
| Opt. PR. bar | 10.50 | | | | | | | | | 7.00 | | 5.25 | | | |
| Qty | | | | | | | | | | | | | | | |
| Test Pressure | bar | | | | | | | | | | | | | | |
| HYD | Shell | 15.75 | | | | | | 10.50 | | 8.00 | | | | | |
| | Seat | 10.50 | | | | | | 7.00 | | 5.25 | | | | | |
| Air Seat | 5.00 | | | | | | | | | | | | | | |
| Tag No | | | | | | | | | | | | | | | |
| Code | CI | | DI | WCB | CF8 | CF8M | S.G.IRON | | | | 410 | 304 | | | |
| Material Specn | EN1561 | IS: 210 | A 395 | A 216 | A 351 | A 351 | EN 1563 # | EN 1563 | IS: 1865 | A 276 | A 240 | | | | |
| | EN - JL 1040 | FG 260 | DI | WCB | CF8 | CF 8M | EN JS 1024 | EN JS 1050 | 500 / 7 | 410 | 304 | | | | |

Customer _____
 Order No. _____
 Job / Project _____

Manufactured By : **AMCO INDUSTRIAL VALVES, ROYAPURAM, CHENNAI - 600 013, INDIA.**

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice.

REV



For Record



For Approval

