

285 PSI WWP Ductile Iron Body Swing Check Valves

Fire Protection Valve • Class 150 • Raised Face Flanges • Bolted Bonnet •
B584 Bronze Trim

285 PSI/19.7 Bar Non-Shock Cold Working Pressure
to -20° F to 100° F/-29° C to 38° C

TESTING SPECIFICATION TO MSS SP-71



F-938-31
Flanged-Raised Face

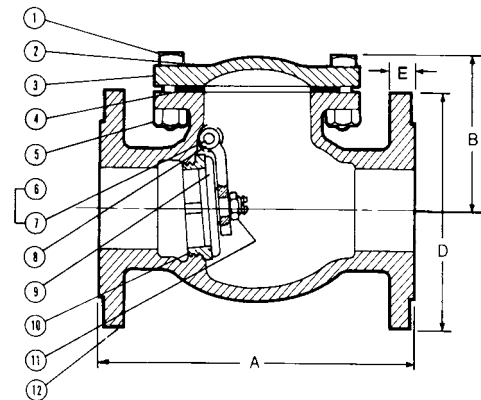
MATERIAL LIST

| PART | SPECIFICATION |
|-------------------------|-----------------------------------------------|
| 1. Bolt | Steel ASTM A307 |
| 2. Identification Plate | Aluminum |
| 3. Bonnet | Ductile Iron ASTM A395 |
| 4. Body Gasket | Synthetic Fibres |
| 5. Nut | Steel ASTM A307 |
| 6. Side Plug | Bronze ASTM B584 |
| 7. Hanger Pin | Bronze ASTM B371 |
| 8. Hanger | Bronze ASTM B584 or Ductile Iron ASTM A536 |
| 9. Disc | Bronze ASTM B584 |
| 10. Seat Ring | Bronze ASTM B584 |
| 11. Disc Nut | Bronze ASTM B371 |
| 12. Body | Ductile Iron ASTM A395 |

DIMENSIONS—WEIGHTS—QUANTITIES

| Size | Dimensions | | | | | | | | | | F-938-31 Weight | |
|------|------------|-------|-----|-------|-----|-------|-----|------|----|-----|-----------------|-----|
| | In. | mm. | A | | B | | D | | E | | Lbs. | Kg. |
| 2 | 50 | 8.00 | 203 | 3.94 | 100 | 6.00 | 152 | .63 | 16 | 24 | 11 | |
| 2½ | 65 | 8.50 | 216 | 4.50 | 114 | 7.00 | 178 | .69 | 17 | 35 | 16 | |
| 3 | 80 | 9.50 | 241 | 5.13 | 130 | 7.50 | 191 | .75 | 19 | 47 | 21 | |
| 4 | 100 | 11.50 | 292 | 6.13 | 156 | 9.00 | 229 | .94 | 24 | 81 | 37 | |
| 5 | 125 | 13.00 | 330 | 6.81 | 173 | 10.00 | 254 | .94 | 24 | 100 | 45 | |
| 6 | 150 | 14.00 | 356 | 8.00 | 203 | 11.00 | 279 | 1.00 | 25 | 146 | 66 | |
| 8 | 200 | 19.50 | 495 | 9.44 | 240 | 13.50 | 343 | 1.13 | 29 | 255 | 116 | |
| 10 | 250 | 24.50 | 622 | 12.06 | 306 | 16.00 | 406 | 1.19 | 30 | 426 | 193 | |
| 12 | 300 | 27.50 | 699 | 16.13 | 410 | 19.00 | 483 | 1.25 | 32 | 660 | 299 | |

Lever and Weight/Spring Options available.



F-938-31
Flg x Flg

NIBCO Check Valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position.

WARNING: Do not use for Reciprocating Air Compressor Service.