

# Class 150 Ductile Iron Body Swing Check Valves

Raised Face Flanges • Bolted Bonnet • 316 SS Trim

**250 PSI/17.2 Bar Non-Shock Cold Working Pressure  
to -20° F to 100° F/-29° C to 38° C**  
**185 PSI/10.3 Bar Saturated Steam to 366°F/185** ♦

CONFORMS TO MSS SP-136

## MATERIAL LIST

| PART                    | SPECIFICATION                   |
|-------------------------|---------------------------------|
| 1. Bolt                 | Steel ASTM A 307                |
| 2. Identification Plate | Aluminum                        |
| 3. Bonnet               | Ductile Iron ASTM A 395         |
| 4. Body Gasket          | Synthetic Fibres                |
| 5. Nut                  | Steel ASTM A 307                |
| 6. Side Plug            | Stainless Steel ASTM A 193 B8M  |
| 7. Hanger Pin           | Stainless Steel ASTM A 276      |
| 8. Hanger               | Stainless Steel ASTM A 351 CF8M |
| 9. Disc                 | Stainless Steel ASTM A 351 CF8M |
| 10. Seat Ring           | Stainless Steel ASTM A 351 CF8M |
| 11. Disc Nut            | Stainless Steel ASTM A 194 8M   |
| 12. Body                | Ductile Iron ASTM A 395         |

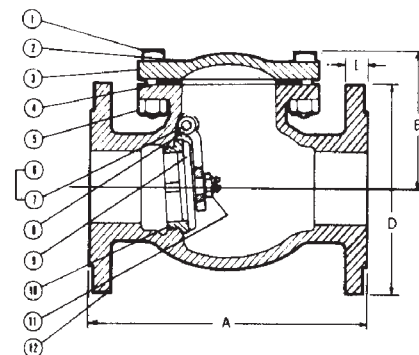


**F-938-33**  
Flanged-Raised Face

## DIMENSIONS—WEIGHTS—QUANTITIES

| Size |     | Dimensions |     |       |     |       |     |      |     | Weight |     |
|------|-----|------------|-----|-------|-----|-------|-----|------|-----|--------|-----|
|      |     | A          |     | B     |     | D     |     | E    |     |        |     |
| In.  | mm. | In.        | mm. | In.   | mm. | In.   | mm. | In.  | mm. | 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  | 80     | 36  |
| 5    | 125 | 13.00      | 330 | 6.81  | 173 | 10.00 | 254 | .94  | 24  | 100    | 46  |
| 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  | 274    | 125 |
| 10   | 250 | 24.50      | 622 | 12.06 | 306 | 16.00 | 406 | 1.19 | 30  | 426    | 194 |
| 12   | 300 | 27.50      | 699 | 16.13 | 410 | 19.00 | 483 | 1.25 | 32  | 655    | 298 |

Lever and Weight/Spring Options available only in 3", 4" and 6". (see page 101)



**F-938-33**  
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.

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 113.