



# FIG.3131F

## GLOBE VALVE ANSI CLASS 150 FLANGED RF, STAINLESS STEEL CF8M



### TECHNICAL SPECIFICATION

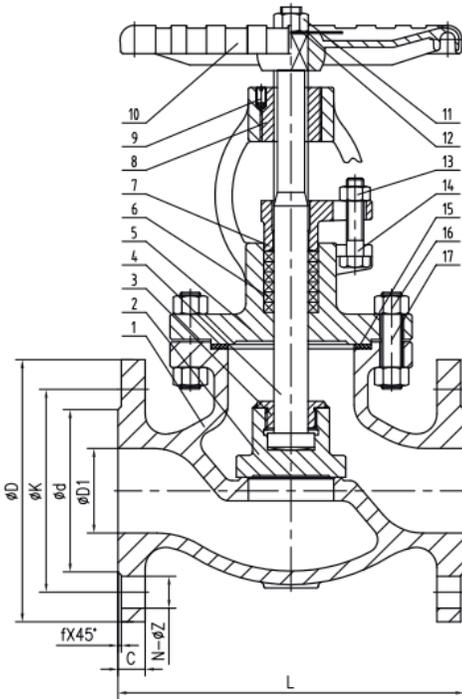
SHELL WALL THICKNESS: ASME B16.34  
 VALVE DESIGN: API 603  
 FLANGE DIMENSIONS: ANSI B16.15  
 FACE TO FACE: ANSI B16.10  
 UNIVERSAL TRIM 10

### TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598  
 NOMINAL PRESSURE: 285 PSI  
 SHELL TEST: 425 PSIG  
 BACK SEAT & SEAT TEST (WATER): 314 PSIG  
 AIR TEST: 87 PSIG

### BODY MARK

**LINE**  
 2  
 150  
 CF8M



### BILL OF MATERIAL LIST

| NO. | DESCRIPTION | MATERIAL            |
|-----|-------------|---------------------|
| 1   | BODY        | ASTM A-351 Gr. CF8M |
| 2   | DISC        | ASTM A-351 Gr. CF8M |
| 3   | DISC NUT    | ASTM A-194 GR. 8M   |
| 4   | STEM        | ASTM A-182 Gr. 316  |
| 5   | BONNET      | ASTM A-351 Gr. CF8M |
| 6   | PACKING     | PTFE                |
| 7   | GLAND       | ASTM A-351 Gr. CF8  |
| 8   | STEM NUT    | AISI 1025           |
| 9   | SCREW       | ASTM A-193 Gr. B8   |
| 10  | HANDWHEEL   | ASTM A-126 Gr. B    |
| 11  | LOCK NUT    | ASTM A-194 Gr. 8    |
| 12  | NAMEPLATE   | ALUMINUM            |
| 13  | EYE NUT     | ASTM A-194 Gr. 8    |
| 14  | EYE BOLT    | ASTM A-193 Gr. B8   |
| 15  | GASKET      | PTFE                |
| 16  | BONNET NUT  | ASTM A-194 Gr.8     |
| 17  | BONNET BOLT | ASTM A-193 Gr. B8   |

### DIMENSIONS & WEIGHT

| MODEL    | SIZE   | PORT  | ØD1  | Ød   | ØK    | ØD    | C     | N-ØZ | L      |       |
|----------|--------|-------|------|------|-------|-------|-------|------|--------|-------|
| 3131F-09 | 2"     | DN50  | 2.00 | 1.97 | 3.63  | 4.75  | 5.91  | 0.64 | 4-0.75 | 8.00  |
| 3131F-10 | 2-1/2" | DN65  | 2.50 | 2.56 | 4.13  | 5.50  | 7.09  | 0.71 | 4-0.75 | 8.51  |
| 3131F-11 | 3"     | DN80  | 3.00 | 3.15 | 5.00  | 6.00  | 7.48  | 0.77 | 4-0.75 | 9.49  |
| 3131F-12 | 4"     | DN100 | 4.00 | 3.94 | 6.19  | 7.50  | 9.06  | 0.96 | 8-0.75 | 11.50 |
| 3131F-13 | 5"     | DN125 | 5.00 | 4.93 | 7.32  | 8.50  | 10.04 | 0.96 | 8-0.87 | 14.02 |
| 3131F-14 | 6"     | DN150 | 6.00 | 5.91 | 8.50  | 9.50  | 11.02 | 1.02 | 8-0.87 | 15.99 |
| 3131F-15 | 8"     | DN200 | 8.00 | 7.87 | 10.63 | 11.75 | 13.58 | 1.14 | 8-0.87 | 19.49 |

\*WEIGHT IS ESTIMATED  
 \*ALL DIMENSIONS ARE EXPRESSED IN INCHES