

F Series Flanged Carbon Steel Ball Valves

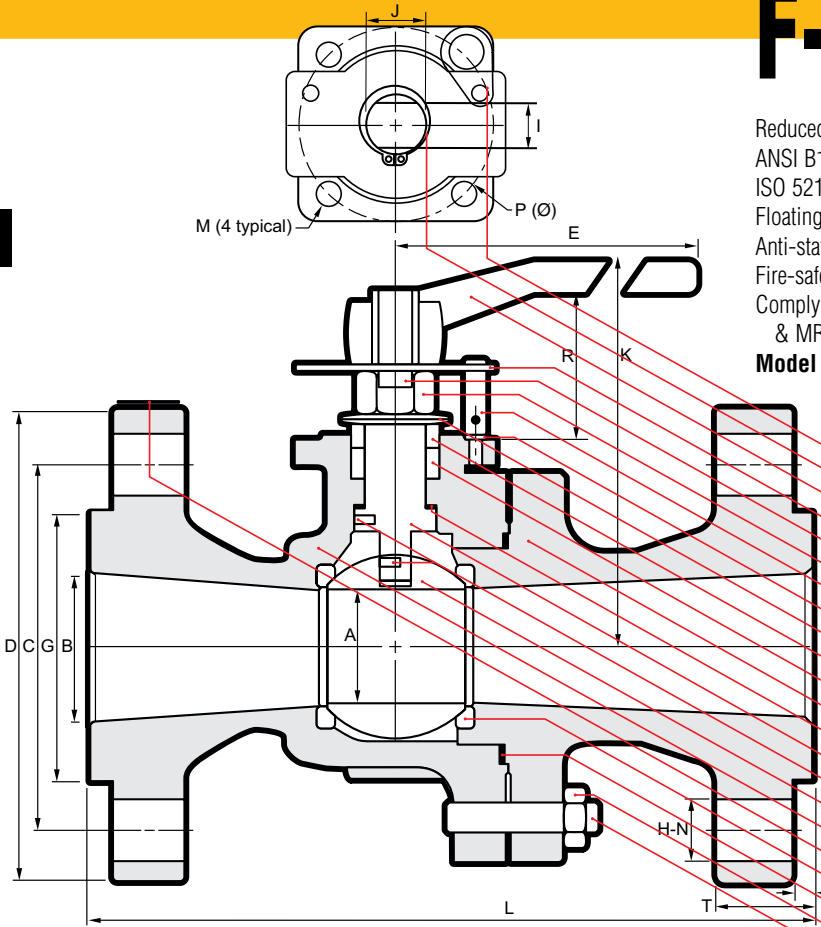
F-600-CS-R-SS-N

Reduced port, Two piece body
ANSI B16.34 Class 600
ISO 5211 Mounting pad
Floating Ball
Anti-static device
Fire-safe design
Comply to NACE MR-01-75-2002
& MR-01-03



Model F-600-LC-R-SS-N (LCC body) is available

3.6



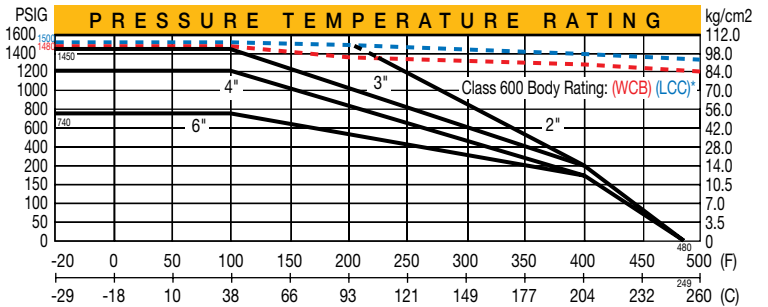
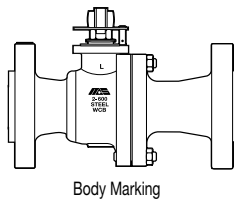
NAME / MATERIAL

| Model Code; | CS | LC | *FS |
|----------------------------|-----------------------------------|----------------------|------------|
| 1. Lock Plate / | Stainless Steel A276 Type 304 | | |
| 2. Retaining Ring / | Carbon Steel | | |
| 3. Handle / | Ductile Iron | | |
| 4. Stopper Plate / | Stainless Steel A276 Type 304 | | |
| 5. Lock Washer / | Stainless Steel A276 Type 304 | | |
| 6. Gland Nut / | Carbon Steel | | |
| 7. Stopper Pin / | Stainless Steel A276 Type 304 | | |
| 8. Lock Washer / | Stainless Steel A276 Type 304 | | |
| 9. Belleville Washer / | Stainless Steel 301 | | |
| 10. Gland / | Stainless Steel A276 Type 304 | | |
| 11. Packing / | PTFE | | (Graphite) |
| 12. Cap / | Cast Steel A216 WCB | (LC: A352 LCC) | |
| 13. Thrust Washer / | RPTFE 15% GFT | | |
| 14. Stem / | Stainless Steel A276 Type 316 | | |
| 15. Anti-Static Device / | A276 Type 304 | | |
| 16. Ball / | Stainless Steel A351 - CF8M (316) | | |
| 17. Body / | Cast Steel A216 WCB | (LC: A352 LCC) | |
| 18. Identification Plate / | A276 Type 304 | | |
| 19. Seat / | PTFE +25% Carbon | | |
| 20. Body Seal / | 304 + Graphite | | |
| 21. Bolt Nut / | A194 Grade 2HM | (LC: A194 Grade 7M) | |
| 22. Stud Bolt / | A193 Grade B7M | (LC: A320 Grade L7M) | |

*Fire Safe Certified to API-607

| | | | | | | |
|--------|---|-------|-----|------|-----|--------|
| FIG. | F-600-CS-R-SS-N | CLASS | 600 | SIZE | 2 | B16.34 |
| SEAT | C-PTFE | BODY | WCB | TRIM | 316 | NACE |
| RATING | 1480 PSIG AT 100°F/200 PSIG AT 400° MAX | | | | | |
| | CS - IDENTIFICATION PLATE | | | | | |

| | | | | | | |
|--------|---|-------|-----|------|-----|--------|
| FIG. | F-600-LC-R-SS-N | CLASS | 600 | SIZE | 2 | B16.34 |
| SEAT | C-PTFE | BODY | LCC | TRIM | 316 | NACE |
| RATING | 1500 PSIG AT 100°F/200 PSIG AT 400° MAX | | | | | |
| | LC - IDENTIFICATION PLATE | | | | | |



| size | D I M E N S I O N S | | | | | | | | | | | | | | | | | | | ISO 5211 flange type | Weight (kg/lb) |
|------|---------------------|------|-------|-------|-------|------|------|------|------|------|-------|-------|-----------|----|------|------|------|-----|--------|-------------------------|-------------------|
| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | P | T | R | | | | |
| 2" | 38 | 50 | 127 | 165 | 230 | 6.35 | 92 | 19 | 14 | 20 | 144.5 | 292 | 5/16" UNC | 8 | 70 | 31.8 | 49 | F07 | 15.72 | | |
| | 1.50 | 1.97 | 5.00 | 6.50 | 9.06 | 0.25 | 3.62 | 0.75 | 0.55 | 0.79 | 5.69 | 11.50 | | | 2.76 | 1.25 | 1.93 | | 34.58 | | |
| 3" | 58 | 76 | 168 | 210 | 400 | 6.35 | 127 | 22.3 | 17 | 25 | 180 | 356 | 3/8" UNC | 8 | 70 | 38.1 | 59 | F07 | 33.05 | | |
| | 2.28 | 3.00 | 6.61 | 8.27 | 15.75 | 0.25 | 5.00 | 0.88 | 0.67 | 0.98 | 7.09 | 14.02 | | | 2.76 | 1.5 | 2.32 | | 72.71 | | |
| 4" | 76 | 102 | 216 | 273 | 400 | 6.35 | 157 | 25.4 | 17 | 25 | 194 | 432 | 3/8" UNC | 8 | 70 | 44.5 | 59 | F07 | 61.64 | | |
| | 3.00 | 4.02 | 8.50 | 10.75 | 15.75 | 0.25 | 6.18 | 1.00 | 0.67 | 0.98 | 7.64 | 17.00 | | | 2.76 | 1.75 | 2.32 | | 135.61 | | |
| 6" | 114 | 152 | 292 | 356 | 750 | 6.35 | 216 | 28.5 | 23 | 34 | 256 | 559 | 1/2" UNC | 12 | 125 | 54.1 | 73 | F12 | 131.83 | | |
| | 4.49 | 5.98 | 11.50 | 14.02 | 29.53 | 0.25 | 8.50 | 1.12 | 0.91 | 1.34 | 10.08 | 22.00 | | | 4.92 | 2.13 | 2.87 | | 290.03 | | |