

8F3 Series Cast Steel Ball Valve Full Port - Trunnion Mount

STANDARDS

DESIGN:

API 6D, API 608
API 607/API 6FA
ASME B16.34

TESTING:

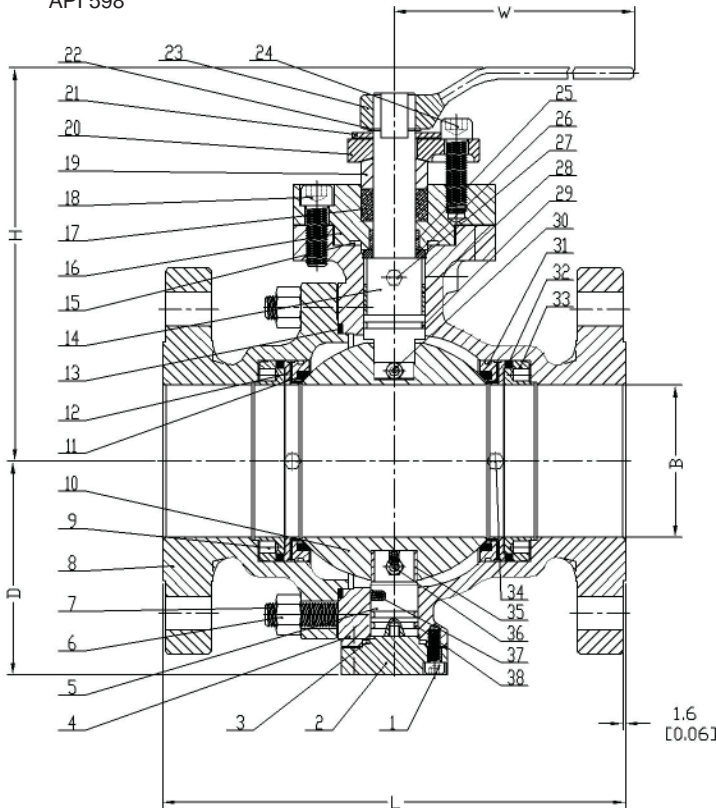
API 598

PRESSURE CLASS:

FLANGED - 300

CONNECTIONS:

FLANGED - ASME B16.5
ASME B16.10



| | | DIMENSIONS | | | | | | |
|------|------|------------|-------|-------|-------|-------|------------------|--|
| SIZE | | L | B | D | H | W | Weight Lbs/Kg | |
| 2 | Inch | 8.50 | 1.97 | 4.33 | 7.50 | 10.62 | 70.5 | |
| | mm | 216 | 50 | 110 | 190 | 270 | 32 | |
| 3 | Inch | 11.12 | 2.97 | 5.10 | 7.90 | 11.80 | 114.6 | |
| | mm | 282 | 75 | 130 | 200 | 300 | 52 | |
| 4 | Inch | 12.00 | 3.94 | 5.50 | 10.19 | 16.5 | 213.8 | |
| | mm | 305 | 100 | 140 | 259 | 420 | 97 | |
| 6 | Inch | 15.87 | 5.94 | 7.40 | 13.75 | GO | 463.0 | |
| | mm | 403 | 150.9 | 188 | 348 | GO | 210 | |
| 8 | Inch | 18.00 | 7.94 | 10.24 | 17.00 | GO | 710.0 | |
| | mm | 502 | 201.7 | 260 | 432 | GO | 322 | |
| 10 | Inch | 22.38 | 19.93 | 11.35 | 23.15 | GO | 1179.5 | |
| | mm | 568 | 252 | 288 | 588 | GO | 535 | |
| 12 | Inch | 25.50 | 12.00 | 4.58 | 27.00 | GO | 1708.6 | |
| | mm | 648 | 305 | 370 | 685 | GO | 775 | |

| MATERIAL SPECIFICATIONS | | | | |
|-------------------------|---------------------|---------------------|---------------------|---------------|
| NO. | Part Name | Carbon Steel/304 | Stainless Steel/316 | LCC/304 |
| 1 | Screw | A193 Gr. B7m | A193 Gr. B8 | A193 Gr. B7M |
| 2 | Cap | A105 | A182 Gr. F316 | A105 |
| 3 | Spiral Wound Gasket | 304/Graphite | 316/Graphite | 304/Graphite |
| 4 | Body | A216 Gr. WCB | A351 Gr. CF8M | A351 Gr. LCC |
| 5 | Bottom Stem | A276 Gr. F304 | A276 Gr. F316 | A276 Gr. F304 |
| 6 | Body Nut | A194 Gr. 2HM | A194 Gr. 8M | A194 Gr. 4 |
| 7 | Body Stud | A193 Gr. B7M | A193 Gr. B8 | A193 Gr. L7M |
| 8 | Retainer | A216 Gr. WCB | A351 Gr. CF8M | A351 Gr. LCC |
| 9 | Spring | Inconel X-750 | Inconel X-750 | Inconel X-750 |
| 10 | Ball | A276 Gr. 304 | A276 Gr. 316 | A276 Gr. 304 |
| 11 | Seat | P.T.F.E. | P.T.F.E. | P.T.F.E. |
| 12 | Seat Holder | A276 Gr. 304 | A276 Gr. 316 | A276 Gr. 304 |
| 13 | Spiral Wound Gasket | 316/Graphite | 316/Graphite | 316/Graphite |
| 14 | Stem | A276 Gr. F304 | A276 Gr. F316 | A276 Gr. F304 |
| 15 | Spiral Wound Gasket | 304/Graphite | 316/Graphite | 304/Graphite |
| 16 | Packing Chamber | A105 | A182 Gr. F316 | A351 Gr. LCC |
| 17 | Packing | Graphite | Graphite | Graphite |
| 18 | Screw | A193 Gr. B7m | A193 Gr. B8 | A193 Gr. B7M |
| 19 | Gland | A276 Gr. 304 | A276 Gr. 316 | A276 Gr. 304 |
| 20 | Gland Flange | A216 Gr. WCB | A216 Gr. WCB | A216 Gr. WCB |
| 21 | Stop Plate | A570 Gr. A | A570 Gr. A | A570 Gr. A |
| 22 | Washer | AISI 1066 | AISI 1066 | AISI 1066 |
| 23 | Lever | A216 Gr. WCB | A216 Gr. WCB | A216 Gr. WCB |
| 24 | Screw | A193 Gr. B7m | A193 Gr. B8 | A193 Gr. B7M |
| 25 | Bearing | 316 SS/PTFE | 316 SS/PTFE | 316 SS/PTFE |
| 26 | Washer | A276 Gr. 316 | A276 Gr. 316 | A276 Gr. 316 |
| 27 | Grease Fitting | Carbon Steel | 316 SS | Carbon Steel |
| 28 | Bearing | 316 SS/PTFE | 316 SS/PTFE | 316 SS/PTFE |
| 29 | O-RING | Viton | Viton | Viton |
| 30 | Vent Valve | Carbon Steel | 316 SS | Carbon Steel |
| 31 | O-RING | Viton | Viton | Viton |
| 32 | Seal Ring | Graphite | Graphite | Graphite |
| 33 | Pressure Ring | A276 Gr. 304 | A276 Gr. 316 | A276 Gr. 304 |
| 34 | Grease Fitting | Carbon Steel | 316 SS | Carbon Steel |
| 35 | Bearing | 316 SS/PTFE | 316 SS/PTFE | 316 SS/PTFE |
| 36 | Purge Valve | Carbon Steel | 316 SS | Carbon Steel |
| 37 | Anti-Static Device | 316 SS | 316 SS | 316 SS |
| 38 | O-RING | Viton | Viton | Viton |

NOTE:
COMPONENTS MAY CHANGE ACCORDING TO VALVE SIZE.
CONTACT BERIC FOR CERTIFIED DRAWINGS.

ADDITIONAL VALVE BODY AND TRIM MATERIALS AVAILABLE.

(713) 673-2073 - Fax (713) 673-4641 - Toll Free (866) GO-BERIC (462-3742)

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Page 9BV