Benefits at a Glance

- ANSI classes 150, 300, and 600
- Standard NACE MR-01-03 compliant
- WCB, LCC, and CF8M body material
- ISO actuator mounting pad
- Full port and Reduced port
- 1/2” thru 12” size range
- Adjustable stem packing
- Blow out proof stem
- RPTFE seats
- Locking device
- Anti static ground
- Stainless steel trim
- 2 piece body design
- Fire tested to API 607 rev 4

Meets/exceeds CSA requirements. Fire safe design

| Basic Design                  | ASME B16.34/API 608 |
| Flange Surface Finish        | 125-250 AARH Serrated |
| Face-to-Face Dimension       | ASME B16.10 / API 6D |
| Flanged End Dimension        | ASME B16.5           |
| Inspected & Tested to         | API 598 & 607        |
| Certifications               | ISO 9001/Canadian CRN|

Typical Bill of Materials

1. Body  
   - ASTM A216-WCB / ASTM A351-CF8M / ASTM A352-LCC
2. Adapter  
   - ASTM A216-WCB / ASTM A351-CF8M / ASTM A352-LCC
3. Ball  
   - ASTM A351-CF8M
4. Spring Anti-static  
   - ASTM A313-302
5. Ball Antistatic  
   - Stainless - Commercial
6. Seat Ring  
   - Teflon - Glass Filled 25%
7. Stem  
   - ASTM A276-316
8. Thrust Washer  
   - Teflon - Glass Filled 25%
9. Sleeve  
   - Teflon - Glass Filled 25%
10. Gland Packing  
    - Graphite
11. Gland  
    - ASTM A351-CF8
12. Sket HD Cap Screw  
    - Stainless - 18 - 8
13. Stopper Plate  
    - Stainless - Commercial
14. Circclip  
    - Stainless - Commercial
15. Handle  
    - ASTM A216-WCB
16. Gasket  
    - SS - 316 w/Graphite
17. Stud  
    - ASTM A193-B7M / A193-B8A / A320-L7M
18. Heavy Hex Nut  
19. Key Lock Plate  
    - Stainless - Commercial
20. Stopper Pin  
    - Stainless - Commercial
21. Hex Sckt Set Screw  
    - Stainless - Commercial
22. Gland Ring  
    - ASTM A246 - 316
23. Spring Washer  
    - Stainless - Commercial
24. Gland Nut  
    - Carbon - Commercial / ASTM A276-CF8M
25. Lock Plate  
    - Stainless - Commercial
26. Cup Washer  
    - Stainless - Commercial
27. Hex Bolt  
    - Stainless - Commercial

Pattern Descriptions

<table>
<thead>
<tr>
<th>Class and Port</th>
<th>B16.10 / API 6D Long Pattern</th>
<th>B16.10 / API 6D Short Pattern</th>
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