



NOTE:

1. Integral Body.
2. The Flanges shall have 125-250 AARH finishing.

BILL OF MATERIALS

| No. | Parts         | Materials                      | Remark |
|-----|---------------|--------------------------------|--------|
| 1.  | BODY          | A182 F316L                     |        |
| 1a  | SEAT          | A182 F316L+STL                 |        |
| 2.  | DISC          | A182 F316L+STL                 |        |
| 3.  | STEM          | A182 F316                      |        |
| 4.  | GASKET        | Spiral Wound Type 316+Graphite |        |
| 5.  | BONNET        | A182 F316L                     |        |
| 6.  | BONNET BOLT   | A193-B8M                       |        |
| 7.  | GLAND PACKING | Flexible Graphite              |        |
| 8.  | GLAND PIN     | A276 410                       |        |
| 9.  | GLAND         | A276 316                       |        |
| 10. | GLAND BOLT    | A193-B8M                       |        |
| 11. | GLAND FLANGE  | A182 F316                      |        |
| 12. | GLAND NUT     | A194-8M                        |        |
| 13. | YOKE BUSH     | A276-410                       |        |
| 14. | HANDWHEEL     | A197                           |        |
| 15. | H/W NUT       | A194 2H                        |        |
| 16. | NAME PLATE    | ALUMINUM/304                   |        |

D I M E N S I O N (mm)

| NPS<br>(inch) | H<br>(OPEN) | L   | W   | Port Dia<br>P | Ends |   |   |   |   |     |   |  | Weight<br>(kg) | Q'TY<br>(pcs) | Fig No.    |
|---------------|-------------|-----|-----|---------------|------|---|---|---|---|-----|---|--|----------------|---------------|------------|
|               |             |     |     |               | D    | C | g | t | f | nxh | d |  |                |               |            |
| 1/2           | 166         | 108 | 100 | 9.5           |      |   |   |   |   |     |   |  | 4.0            |               | GLSL150-16 |
| 3/4           | 171         | 117 | 100 | 12.7          |      |   |   |   |   |     |   |  | 6.1            |               | GLSL150-16 |
| 1             | 207         | 127 | 125 | 17.5          |      |   |   |   |   |     |   |  | 8.6            |               | GLSL150-16 |
| 1½            | 258         | 165 | 160 | 29.5          |      |   |   |   |   |     |   |  | 17.5           |               | GLSL150-16 |
| 2             | 330         | 165 | 180 | 29.5          |      |   |   |   |   |     |   |  | 26.0           |               | GLSL150-16 |

|   |   |
|---|---|
| Design : ANSI B16.34/API 602/EN ISO 15761 |   |
| Ends                                      | <input checked="" type="checkbox"/> RF (ANSI B16.10,16.5) <input type="checkbox"/> FF                   |
| Connection                                | <input type="checkbox"/> Small Tongue <input type="checkbox"/> R T J                                    |
| Test<br>(API 598)                         | Shell Hydrostatic : 450 psig ( 32 kgf/cm <sup>2</sup> )   |
|   | Seat/ Hydrostatic : 325 psig ( 23 kgf/cm <sup>2</sup> )   |
|   | Backseat Pneumatic : 80 psig ( 6 kgf/cm )   |
| Seat                                      | Seat or Seating <input checked="" type="checkbox"/> Stellite (#6)                                       |
| Surface                                   | Disc or Wedge <input checked="" type="checkbox"/> Stellite (#6) <input type="checkbox"/> Hardened (Q.T) |
| Coating                                   | <input type="checkbox"/> Phosphatized <input type="checkbox"/> Epoxy painted                            |
|   | <input type="checkbox"/> Aluminum painted <input type="checkbox"/> Non-Application                      |

|             |             |  |          |          |          |
|-------------|-------------|--|----------|----------|----------|
|             |             |  |          |          |          |
|             | REV 2       | 15.08.16   |          |          |          |
|             | First Issue | JULY/19/'04  |          |          |          |
| Rev.        | Description | Date   | Drawn by | Chk'd by | App'd by |
|             |             | TOCINA Valvulas S.L.   |          |          |          |
|             |             | TITLE CLASS 150 GLOBE BB OS&Y FLG'D<br>F316L/F316/HFS (No16) |          |          |          |
| Drawing No. |             | 994-0719-01-08   |          | Rev.     | 2        |