


SPECIFICATIONS / Especificaciones
API / ASME

| DESIGN Diseño | FACE TO FACE Cara a cara | CONNECTION END / Extremos | | MATERIAL | TEST & CHECK Prueba y Verificación | FIRE TEST Prueba de fuego | SIZES Rango |
|------------------|-----------------------------|---------------------------|-----------------------------|-------------|---------------------------------------|------------------------------|-------------------------|
| | | FLANGED Bridada | BUTT WELD Soldada a tope | | | | |
| API 608 | ASME B16.10 | ASME B16.5 | ASME B16.25 | NACE MR0175 | API 598 | API 6FA API 607 | 2" x 1 1/2" - 36" x 30" |
| API 6D | API 6D | MSS SP-44 | | | API 6D | | |
| ASME B16.34 | ASME B16.10 | ASME B16.47 | | | ASME B16.34 | | |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME Nombre de pieza | CARBON STEEL Acero al Carbono | LOW TEMPERATURE STEEL Acero baja temperatura | STAINLESS STEEL Acero Inoxidable |
|----|----------------------------------|--|---|-------------------------------------|
| 1 | Body / Cuerpo | A216 - WCB | A352 - LFB / A352 - LCC | A351 - CF8 / A351 - CF8M |
| 2 | Stud Nut / Tuerca Espárrago (1) | A193 - B7 / A194 - 2H | A320 - L7 / A194 - 4 | A193 - B8 / A194 - 8 |
| 2 | Stud Nut / Tuerca Espárrago (2) | A193 - B7M / A194 - 2H | A320 - L7 / A194 - 4 | A193 - B8 / A194 - 8 |
| 3 | Ball / Bola | A105 + ENP | A350 - LF2 + ENP | A182 - F304 / A182 - F316 |
| 4 | Stem / Vástago (1) | A276 - 410 / A276 - 420 | A350 - LF2 / A276 - 304 | A276 - 304 / A276 - 316 |
| 4 | Stem / Vástago (2) | 17 - 4PH | For use at low temperatures resilient steels Usa a bajas temperaturas los aceros elásticos | A276 - 304 / A276 - 316 |
| 5 | Seat / Asiento | A105 + ENP | A350 - LF2 + ENP | A182 - F304 / A182 - F316 |
| 6 | Seat insert / Inserto de asiento | Standard: PTFE or Nylon - Special: Peek / Devlon / Viton / Estándar PTFE o Nilón - Especial: Peek / Devlon / Viton | | |
| 7 | O-Ring | NBR or Viton / NBR o Viton | | |
| 8 | Gasket / Junta | Graphite + Stainless Steel / Grafito + Acero Inoxidable | | |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales
CLASS 900 - PN150 / PN160 (NPS 2" x 1 1/2" - 36" x 30")

| Reduced bore / Paso reducido | | | | | | | | | | | | |
|------------------------------|--------------|-----------|------------|-------------|-----|-----|------|-----|-----|-----|----------------|----------------------------|
| DN (mm.) | NPS (in.) | L (RF) | L1 (BW) | L2 (RTJ) | MA | | GA | | C | H | W / P (Kg.) | TORQUE(Nm) Esf. torsión |
| | | | | | MH | MP | GH | GV | | | | |
| 50x40 | 2" x 1 1/2" | 368 | 368 | 371 | 234 | 650 | - | - | 173 | 68 | 60 | 163 |
| 80x50 | 3" x 2" | 381 | 381 | 384 | 251 | 650 | - | - | 190 | 83 | 75 | 228 |
| 100x80 | 4" x 3" | 457 | 457 | 460 | 305 | 800 | - | - | 225 | 110 | 120 | 512 |
| 150x100 | 6" x 4" | 610 | 610 | 613 | - | - | 335 | 400 | 268 | 127 | 270 | 946 |
| 200x150 | 8" x 6" | 737 | 737 | 740 | - | - | 396 | 400 | 321 | 170 | 460 | 1784 |
| 250x200 | 10" x 8" | 838 | 838 | 841 | - | - | 436 | 500 | 361 | 225 | 740 | 4116 |
| 300x250 | 12" x 10" | 965 | 965 | 968 | - | - | 445 | 500 | 368 | 260 | 1120 | 5910 |
| 350x250 | 14" x 10" | 1029 | 1029 | 1038 | - | - | 445 | 500 | 368 | 260 | 1498 | 5910 |
| 400x300 | 16" x 12" | 1130 | 1130 | 1140 | - | - | 535 | 500 | 460 | 310 | 1803 | 10137 |
| 450x350 | 18" x 14" | 1219 | 1219 | 1232 | - | - | 590 | 500 | 478 | 395 | 2450 | 14141 |
| 500x400 | 20" x 16" | 1321 | 1321 | 1334 | - | - | 625 | 600 | 513 | 450 | 3950 | 18866 |
| 600x500 | 24" x 20" | 1549 | 1549 | 1568 | - | - | 801 | 600 | 665 | 565 | 5380 | 28544 |
| 750x500 | 30" x 24" | 1880 | 1880 | 1902 | - | - | 953 | 700 | 793 | 660 | 9045 | 43276 |
| 900x750 | 36" x 30" | 2286 | 2286 | 2315 | - | - | 1110 | 800 | 950 | 830 | 15270 | 76000 |

Notes / Notas:

- **Approximate weights / Pesos aproximados.**
- **Larger diameters on request / Diámetros superiores bajo petición.**
- **Other material on request / Otros materiales bajo petición.**
- **(1) Conventional type / Tipo convencional**
- **(2) Sulfur resistant / Resistente al azufre**

UNITS / Unidades mm