


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 400 - PN63 / PN64 (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" | 292 | 292 | 295 | 206 | 400 | - | - | 145 | 63 | 34 | 98 |
| 80x50 | 3" x 2" | 356 | 356 | 359 | 231 | 500 | - | - | 170 | 78 | 56 | 124 |
| 100x80 | 4" x 3" | 432 | 432 | 435 | 273 | 600 | - | - | 212 | 100 | 92 | 265 |
| 150x100 | 6" x 4" | 559 | 559 | 562 | 297 | 800 | - | - | 236 | 120 | 153 | 467 |
| 200x150 | 8" x 6" | 660 | 660 | 664 | 376 | 1000 | 338 | 400 | 271 | 162 | 309 | 650 |
| 250x200 | 10" x 8" | 787 | 787 | 791 | - | - | 383 | 400 | 308 | 207 | 506 | 1806 |
| 300x250 | 12" x 10" | 838 | 838 | 841 | - | - | 433 | 500 | 348 | 245 | 684 | 2638 |
| 350x250 | 14" x 10" | 889 | 889 | 892 | - | - | 433 | 500 | 348 | 245 | 850 | 2638 |
| 400x300 | 16" x 12" | 991 | 991 | 994 | - | - | 460 | 500 | 385 | 290 | 1020 | 2929 |
| 450x350 | 18" x 14" | 1092 | 1092 | 1095 | - | - | 488 | 500 | 413 | 370 | 1420 | 3971 |
| 500x400 | 20" x 16" | 1194 | 1194 | 1200 | - | - | 533 | 500 | 458 | 405 | 1880 | 6307 |
| 600x500 | 24" x 20" | 1397 | 1397 | 1407 | - | - | 645 | 600 | 570 | 530 | 4250 | 12155 |
| 750x500 | 30" x 24" | 1651 | 1651 | 1664 | - | - | 799 | 600 | 663 | 595 | 5880 | 21550 |
| 900x750 | 36" x 30" | 2083 | 2083 | 2099 | - | - | 936 | 800 | 800 | 800 | 9890 | 34550 |

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