



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" - 48" |
| 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 | A193 - B7 / 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" - 48")

| Full bore / Paso total | | | | | | | | | | | | | |
|------------------------|--------------|-----------|------------|-------------|-----|-----|------|------|------|------|----------------|----------------------------|--|
| 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 | | | | | |
| 50 | 2" | 292 | 292 | 295 | 161 | 500 | - | - | 103 | 100 | 33 | 124 | |
| 65 | 2 1/2" | 330 | 330 | 333 | 178 | 600 | - | - | 115 | 112 | 47 | 155 | |
| 80 | 3" | 356 | 356 | 359 | 189 | 700 | - | - | 129 | 130 | 58 | 265 | |
| 100 | 4" | 406 | 406 | 410 | 225 | 800 | - | - | 147 | 151 | 75 | 467 | |
| 150 | 6" | 495 | 495 | 498 | 330 | 800 | 261 | 400 | 194 | 201 | 162 | 650 | |
| 200 | 8" | 597 | 597 | 600 | - | - | 319 | 400 | 252 | 254 | 325 | 1806 | |
| 250 | 10" | 673 | 673 | 676 | - | - | 369 | 500 | 303 | 308 | 440 | 2638 | |
| 300 | 12" | 762 | 762 | 765 | - | - | 512 | 500 | 424 | 368 | 735 | 2929 | |
| 350 | 14" | 826 | 826 | 829 | - | - | 537 | 500 | 450 | 382 | 985 | 3971 | |
| 400 | 16" | 902 | 902 | 905 | - | - | 629 | 500 | 528 | 453 | 1440 | 6307 | |
| 450 | 18" | 978 | 978 | 981 | - | - | 665 | 600 | 564 | 489 | 1710 | 9165 | |
| 500 | 20" | 1054 | 1054 | 1060 | - | - | 762 | 600 | 641 | 562 | 2150 | 12155 | |
| 550 | 22" | 1143 | 1143 | 1153 | - | - | 801 | 600 | 680 | 600 | 3228 | 15175 | |
| 600 | 24" | 1232 | 1232 | 1241 | - | - | 837 | 600 | 716 | 636 | 3962 | 21550 | |
| 650 | 26" | 1308 | 1308 | 1321 | - | - | 872 | 700 | 752 | 673 | 4740 | 25426 | |
| 700 | 28" | 1397 | 1397 | 1410 | - | - | 907 | 700 | 787 | 708 | 5333 | 31336 | |
| 750 | 30" | 1524 | 1524 | 1537 | - | - | 949 | 800 | 829 | 750 | 6240 | 34550 | |
| 800 | 32" | 1651 | 1651 | 1667 | - | - | 1050 | 800 | 915 | 822 | 7410 | 36937 | |
| 850 | 34" | 1778 | 1778 | 1794 | - | - | 1151 | 800 | 998 | 894 | 8150 | 39447 | |
| 900 | 36" | 1880 | 1880 | 1895 | - | - | 1192 | 800 | 1039 | 935 | 9218 | 43962 | |
| 1000 | 40" | 2250 | 2250 | - | - | - | 1276 | 800 | 1124 | 1020 | 12580 | 48894 | |
| 1050 | 42" | - | - | - | - | - | 1318 | 800 | 1166 | 1061 | 16602 | 50300 | |
| 1200 | 48" | - | - | - | - | - | 1508 | 1000 | 1372 | 1219 | 22583 | 80302 | |

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