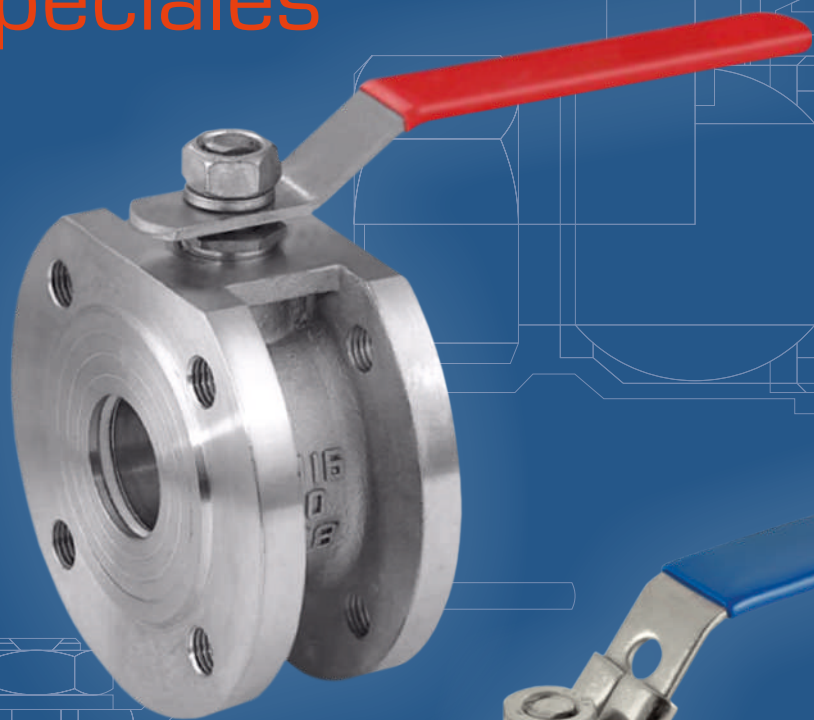
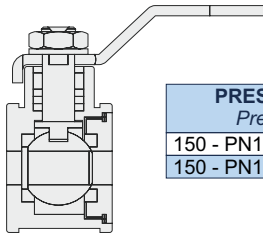


SPECIALS VALVES

Válvulas Especiales

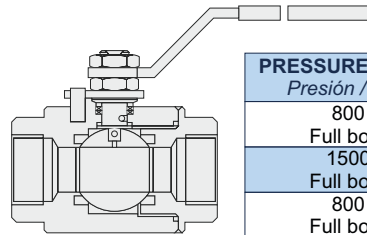


BALL



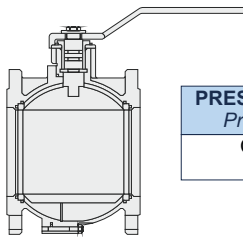
WAFER Wafer

| PRESSURE <i>Presión</i> | MODEL <i>Modelo</i> | FIGURE <i>Figura</i> | SIZES <i>Rango</i> | PAGE <i>Página</i> |
|----------------------------|------------------------|-------------------------|-----------------------|-----------------------|
| 150 - PN1.0~2.5 MPa | Wafer | 5WA015 | ½" - 4" | 106 |
| 150 - PN1.0~2.5 MPa | Wafer type thin | 5WT015 | ¾" - 8" | 107 |



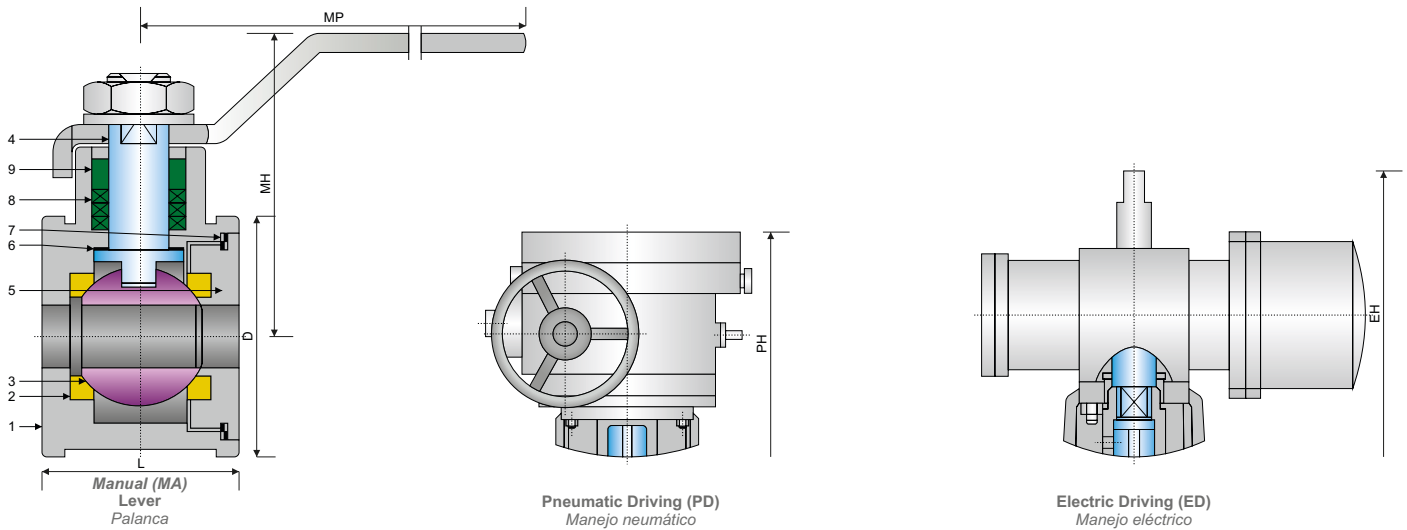
FORGED STEEL Acero forjado

| PRESSURE / TYPE <i>Presión / Tipo</i> | MODEL <i>Modelo</i> | FIGURE <i>Figura</i> | SIZES <i>Rango</i> | PAGE <i>Página</i> |
|--|------------------------|-------------------------|-----------------------|-----------------------|
| 800 Full bore | 2 PC | 5F2P08 | ¼" - 2" | 108 |
| 1500 Full bore | 2 PC | 5F2P15 | ¼" - 3" | 109 |
| 800 Full bore | 3 PC | 5F3P08 | ½" - 2" | 110 |
| 1500 Full bore | 3 PC | 5F3P15 | ½" - 2" | 111 |



CAST IRON Hierro fundido

| PRESSURE / TYPE <i>Presión / Tipo</i> | MODEL <i>Modelo</i> | FIGURE <i>Figura</i> | SIZES <i>Rango</i> | PAGE <i>Página</i> |
|--|------------------------|-------------------------|-----------------------|-----------------------|
| Class 125 Full bore | Flanged | 5CIF16 | ½" - 8" | 112 |



SPECIFICATIONS / Especificaciones

| CONNECTION END / Extremos | DRIVING MANNER | TEST & CHECK | SIZES |
|---------------------------|--|-----------------------|---------|
| FLANGED | Manejo | Prueba y Verificación | Rango |
| Bridada | | | |
| ANSI B16.5 GB/T9113 | Lever, Pneumatic, Electric / Palanca, Neumático, Eléctrico | API 598 | ½" - 4" |

MAIN PARTS MATERIAL / Material de las piezas principales

GB / ASTM

| Nº | PART NAME | STAINLESS STEEL | |
|----|------------------------------------|---|------------------|
| | Nombre de pieza | Acero Inoxidable | |
| 1 | Body / Cuerpo | CF8 | A351 - CF8 |
| 2 | Sealing ring / Junta tórica | NYLON - PTFE - RTFE | |
| 3 | Ball / Bola | 0Cr18Ni9 + ENP | A276 - 304 + ENP |
| 4 | Stem / Vástago | 0Cr18Ni9 | A276 - 304 |
| 5 | Seat ring / Asiento | 0Cr18Ni9 | A276 - 304 |
| 6 | Gasket / Junta | PTFE - RTFE | |
| 7 | Gasket / Junta | Graphite + Stainless Steel / Grafito + Acero Inoxidable | |
| 8 | Packing / Empaquetadura | Graphite / Grafito | |
| 9 | Stuffing cover / Tapa prensaestopa | 0Cr18Ni9 | A276 - 304 |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

CLASS 150 - PN1.0 ~ 2.5 Mpa (NPS ½" - 4")

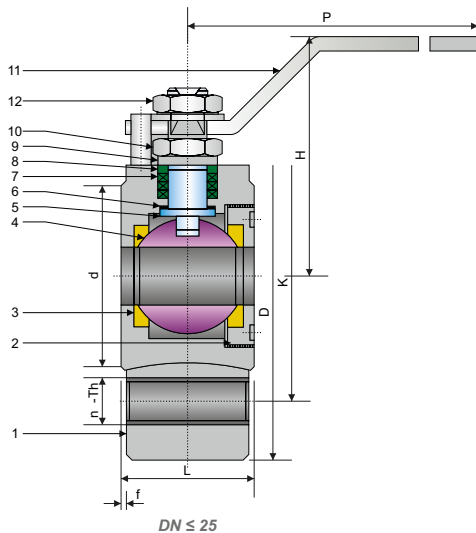
| DN (mm.) | NPS (in.) | L | D | | | MA | | PD | | ED | |
|----------|-----------|-----|---------------|-----------|---------------------|-----|-----|-----|--------------------|-----|--------------------|
| | | | PN 1.0 1.6MPa | PN 2.5MPa | PN 2.0MPa CLASS 150 | MH | MP | PH | DEVICE Dispositivo | EH | DEVICE Dispositivo |
| 15 | ½" | 40 | 53 | 53 | 47 | 82 | 140 | 228 | AG06 | 324 | Q45-1 |
| 20 | ¾" | 45 | 63 | 63 | 57 | 82 | 180 | 228 | AG06 | 323 | Q45-1 |
| 25 | 1" | 50 | 73 | 73 | 66 | 104 | 180 | 238 | AG09 | 345 | Q45-1 |
| 32 | 1 ¼" | 60 | 84 | 84 | 75 | 113 | 200 | 263 | AG09 | 354 | Q245-1 |
| 40 | 1 ½" | 70 | 94 | 94 | 85 | 122 | 200 | 275 | AG09 | 363 | Q60-1 |
| 50 | 2" | 80 | 109 | 109 | 103 | 132 | 250 | 284 | AG13 | 373 | Q60-1 |
| 65 | 2 ½" | 110 | 129 | 129 | 122 | 144 | 300 | 365 | AG13 | 385 | Q60-1 |
| 80 | 3" | 120 | 144 | 144 | 135 | 155 | 350 | 382 | AG13 | 455 | Q60-1 |
| 100 | 4" | 140 | 164 | 170 | 173 | 183 | 450 | 425 | AW17 | 495 | Q60-1 |

Notes / Notas:

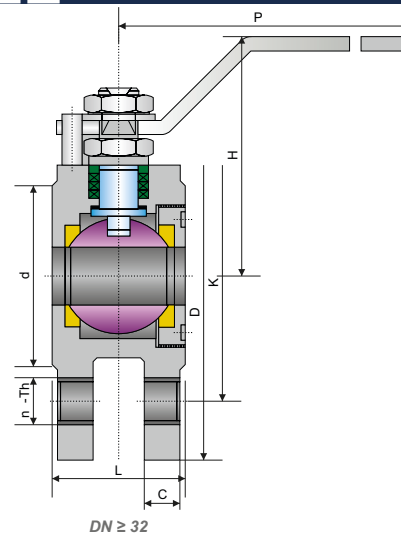
- Approximate weights / Pesos aproximados.
- Larger diameters on request / Diámetros superiores bajo petición.
- Other material on request / Otros materiales bajo petición.

UNITS / Unidades mm

BALL



DN ≤ 25



DN ≥ 32

SPECIFICATIONS / Especificaciones

| CONNECTION END / Extremos | DRIVING MANNER / Manejo | TEST & CHECK / Prueba y Verificación | SIZES / Rango |
|---|-------------------------|--------------------------------------|---------------|
| FLANGED / Bridada ANSI B16.5 JB/T79 | Lever / Palanca | API 598 | 3/8" - 8" |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME / Nombre de pieza | STAINLESS STEEL / Acero Inoxidable | |
|----|------------------------------------|------------------------------------|------------------|
| 1 | Body / Cuerpo | CF8 | A351 - CF8 |
| 2 | Seat ring / Asiento | 0Cr18Ni9 | A276 - 304 |
| 3 | Sealing ring / Junta tórica | NYLON - PTFE - RTFE | |
| 4 | Ball / Bola | 0Cr18Ni9 + ENP | A276 - 304 + ENP |
| 5 | Stem / Vástago | 0Cr18Ni9 | A276 - 304 |
| 6 | Gasket / Junta | PTFE | |
| 7 | Packing / Empaquetadura | Graphite / Grafito | |
| 8 | Stuffing cover / Tapa prensaestopa | 0Cr18Ni9 | A276 - 304 |
| 9 | Spring lock washer / Arandela | 0Cr18Ni9 | A276 - 304 |
| 10 | Lock nut / Tuerca bloqueo | 0Cr18Ni9 | A276 - 304 |
| 11 | Lever / Palanca | 0Cr18Ni9 | A276 - 304 |
| 12 | Pin / Pasador | 0Cr18Ni9 | A276 - 304 |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

CLASS 150 - PN1.0 ~ 2.5 Mpa (NPS 3/8" - 8")

| DN (mm.) | NPS (in.) | L | PN 1.6MPa | | | | PN 2.5MPa | | | | PN 4.0MPa | | | | f | H | P | | | |
|----------|-----------|-----|-----------|-----|-----|----|-----------|-----|-----|-----|-----------|--------|-----|-----|-----|----|-------|---|-----|--------|
| | | | D | K | d | C | n - Th | D | K | d | C | n - Th | D | K | | | | d | C | n - Th |
| 10 | 3/8" | 32 | 85 | 60 | 42 | - | 4-M12 | 85 | 60 | 42 | - | 4-M12 | 85 | 60 | 42 | - | 4-M12 | 2 | 80 | 150 |
| 15 | 1/2" | 32 | 90 | 65 | 47 | - | 4-M12 | 90 | 65 | 47 | - | 4-M12 | 90 | 65 | 47 | - | 4-M12 | 2 | 80 | 150 |
| 20 | 3/4" | 38 | 100 | 75 | 58 | - | 4-M12 | 100 | 75 | 58 | - | 4-M12 | 100 | 75 | 58 | - | 4-M12 | 2 | 85 | 150 |
| 25 | 1" | 42 | 110 | 85 | 68 | - | 4-M12 | 110 | 85 | 68 | - | 4-M12 | 110 | 85 | 68 | - | 4-M12 | 2 | 95 | 170 |
| 32 | 1 1/4" | 50 | 130 | 100 | 78 | 16 | 4-M16 | 130 | 100 | 78 | 16 | 4-M16 | 130 | 100 | 78 | 18 | 4-M16 | 2 | 100 | 180 |
| 40 | 1 1/2" | 60 | 140 | 110 | 88 | 16 | 4-M16 | 140 | 110 | 88 | 16 | 4-M16 | 140 | 110 | 88 | 18 | 4-M16 | 2 | 105 | 210 |
| 50 | 2" | 70 | 155 | 125 | 102 | 18 | 4-M16 | 155 | 125 | 102 | 18 | 4-M16 | 155 | 125 | 102 | 20 | 4-M16 | 2 | 115 | 230 |
| 65 | 2 1/2" | 94 | 180 | 145 | 125 | 20 | 4-M16 | 180 | 145 | 125 | 22 | 8-M16 | 180 | 145 | 125 | 22 | 8-M16 | 2 | 130 | 280 |
| 80 | 3" | 118 | 195 | 160 | 138 | 20 | 8-M16 | 195 | 160 | 138 | 24 | 8-M16 | 195 | 160 | 138 | 24 | 8-M16 | 2 | 145 | 300 |
| 100 | 4" | 140 | 215 | 180 | 160 | 22 | 8-M16 | 230 | 190 | 160 | 24 | 8-M20 | 230 | 190 | 160 | 24 | 8-M20 | 2 | 175 | 400 |
| 125 | 5" | 195 | 245 | 210 | 188 | 22 | 8-M16 | 270 | 220 | 188 | 26 | 8-M24 | 270 | 220 | 188 | 26 | 8-M24 | 2 | 190 | 500 |
| 150 | 6" | 225 | 280 | 240 | 212 | 24 | 8-M20 | 300 | 250 | 212 | 28 | 8-M24 | 300 | 250 | 212 | 28 | 8-M24 | 2 | 220 | 600 |
| 200 | 8" | 275 | 335 | 295 | 266 | 24 | 8-M22 | 360 | 310 | 274 | 30 | 8-M24 | 375 | 320 | 285 | 34 | 8-M27 | 2 | 260 | 700 |

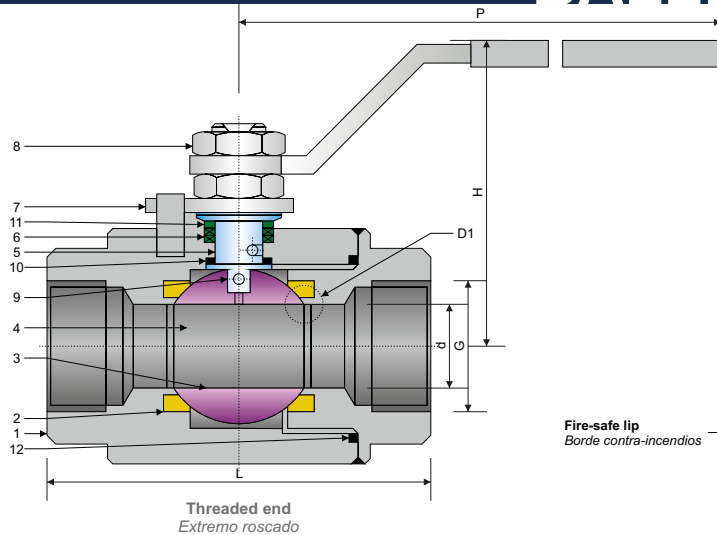
Notes / Notas:

- Approximate weights / Pesos aproximados.
- Larger diameters on request / Diámetros superiores bajo petición.
- Other material on request / Otros materiales bajo petición.

UNITS / Unidades mm

FULL BORE / Paso total

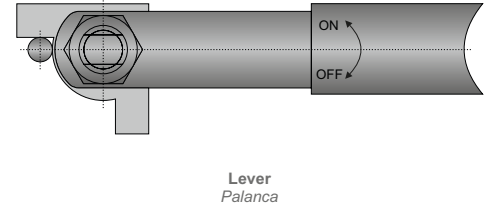
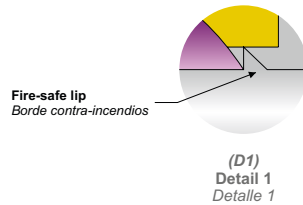
BALL



STRUCTURE FEATURES

Características de la estructura

- **2PC Body**
Cuerpo de 2 piezas
- **Anti-static**
Anti-estático
- **Firesafe**
Contra-incendios



SPECIFICATIONS / Especificaciones

| DESIGN <i>Diseño</i> | WORKING PRESSURE <i>Presión de Trabajo</i> | CONNECTION END / <i>Extremos</i> | TEST & CHECK <i>Prueba y Verificación</i> | SIZES <i>Rango</i> |
|-------------------------|---|----------------------------------|--|-----------------------|
| | | THREADED <i>Roscados</i> | | |
| BS 535 | CLASS 800 (2000 psi) | BSPT, NPT, DIN29999 | API 598 | 1/4" - 2" |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME <i>Nombre de pieza</i> | CARBON STEEL <i>Acero al Carbono</i> |
|----|-------------------------------------|---|
| 1 | Body / <i>Cuerpo</i> | A105N - F316 |
| 2 | Seat ring / <i>Asiento</i> | PTFE |
| 3 | Ball / <i>Bola</i> | 316 |
| 4 | Cap / <i>Capuchón</i> | A105N - F316 |
| 5 | Stem / <i>Vástago</i> | 316 |
| 6 | Packing / <i>Empaquetadura</i> | Graphite / <i>Grafito</i> |
| 7 | Lever / <i>Palanca</i> | 304 |
| 8 | Stem nut / <i>Tuerca Vástago</i> | 304 |
| 9 | Anti Static / <i>Antiestático</i> | Stainless Steel 304 / <i>Acero Inoxidable 304</i> |
| 10 | Stem Sealing / <i>Sello Vástago</i> | PTFE |
| 11 | Gland / <i>Prensaestopa</i> | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 12 | Gasket / <i>Junta</i> | Graphite / <i>Grafito</i> |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

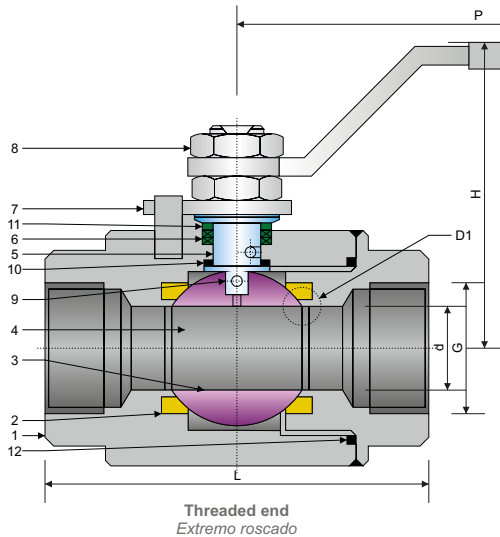
CLASS 800 (NPS 1/4" - 2")

| NPS (in.) | Ød | G | L | H | P |
|--------------|------|-----------------------|-----|-----|-----|
| 1/4" | 6 | 1/4" - 18 NPT | 60 | 55 | 120 |
| 3/8" | 10 | 3/8" - 18 NPT | 60 | 60 | 120 |
| 1/2" | 12.7 | 1/2" - 14 NPT | 75 | 65 | 150 |
| 3/4" | 17.5 | 3/4" - 14 NPT | 80 | 72 | 150 |
| 1" | 22 | 1" - 11 - 1/2 NPT | 90 | 80 | 170 |
| 1 1/4" | 28.5 | 1 1/4" - 11 - 1/2 NPT | 110 | 80 | 170 |
| 1 1/2" | 35 | 1 1/2" - 11 - 1/2 NPT | 120 | 105 | 240 |
| 2" | 47.5 | 2" - 11 - 1/2 NPT | 140 | 114 | 240 |

Notes / Notas:

- **Approximate weights / Pesos aproximados.**
- **Larger diameters on request / Diámetros superiores bajo petición.**
- **Other material on request / Otros materiales bajo petición.**

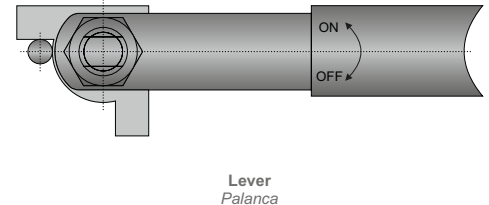
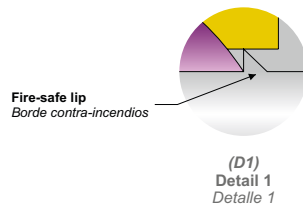
UNITS / Unidades mm



STRUCTURE FEATURES

Características de la estructura

- **2PC Body**
Cuerpo de 2 piezas
- **Anti-static**
Anti-estático
- **Firesafe**
Contra-incendios



SPECIFICATIONS / Especificaciones

| DESIGN <i>Diseño</i> | FACE TO FACE <i>Cara a cara</i> | WORKING PRESSURE <i>Presión de Trabajo</i> | CONNECTION END / <i>Extremos</i> | TEST & CHECK <i>Prueba y Verificación</i> | SIZES <i>Rango</i> |
|-------------------------|------------------------------------|---|----------------------------------|--|-----------------------|
| | | | THREADED <i>Roscados</i> | | |
| API 608 | DIN3202 | CLASS 1500 (3000 psi) | BSPT, NPT, DIN29999 | API 598 | ¼" - 3" |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME <i>Nombre de pieza</i> | CARBON STEEL <i>Acero al Carbono</i> |
|----|-------------------------------------|---|
| 1 | Body / <i>Cuerpo</i> | A105N - F316 |
| 2 | Seat ring / <i>Asiento</i> | PTFE |
| 3 | Ball / <i>Bola</i> | 316 |
| 4 | Cap / <i>Capuchón</i> | A105N - F316 |
| 5 | Stem / <i>Vástago</i> | 316 |
| 6 | Packing / <i>Empaquetadura</i> | Graphite / Grafito |
| 7 | Lever / <i>Palanca</i> | 304 |
| 8 | Stem nut / <i>Tuerca Vástago</i> | 304 |
| 9 | Anti Static / <i>Antiestático</i> | Stainless Steel 304 / Acero Inoxidable 304 |
| 10 | Stem Sealing / <i>Sello Vástago</i> | RPTFE |
| 11 | Gland / <i>Prensaestopa</i> | 316 |
| 12 | Gasket / <i>Junta</i> | Graphite / Grafito |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

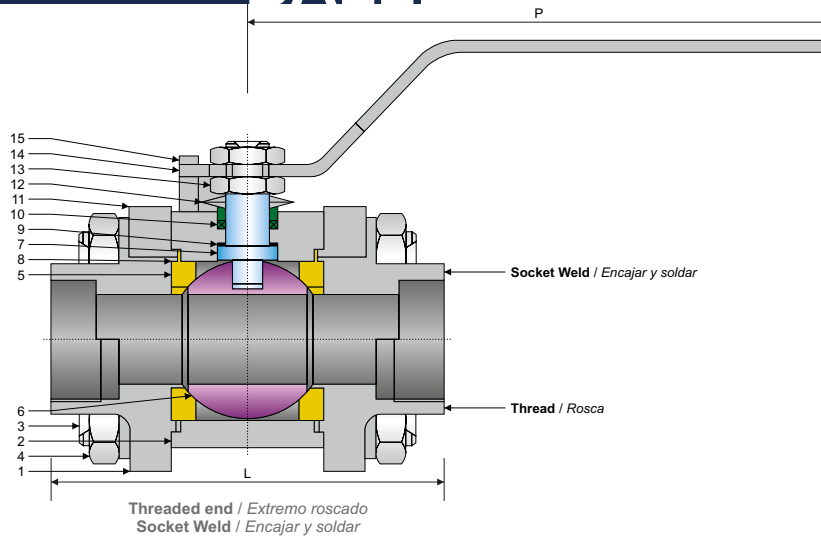
CLASS 1500 (NPS ¼" - 3")

| NPS (in.) | Ød | G | L | H | P |
|--------------|----|-------------------|-----|-----|-----|
| ¼" | 6 | ¼" - 18 NPT | 70 | 55 | 120 |
| ⅜" | 9 | ⅜" - 18 NPT | 75 | 58 | 140 |
| ½" | 13 | ½" - 14 NPT | 85 | 65 | 160 |
| ¾" | 19 | ¾" - 14 NPT | 95 | 76 | 180 |
| 1" | 25 | 1" - 11 - ½ NPT | 105 | 84 | 200 |
| 1 ¼" | 32 | 1 ¼" - 11 - ½ NPT | 120 | 105 | 235 |
| 1 ½" | 38 | 1 ½" - 11 - ½ NPT | 130 | 118 | 250 |
| 2" | 50 | 2" - 11 - ½ NPT | 150 | 138 | 300 |
| 2 ½" | 65 | 2 ½" - 8 - NPT | 190 | 142 | 400 |
| 3" | 76 | 3" - 8 - NPT | 220 | 176 | 500 |

Notes / Notas:

- **Approximate weights / Pesos aproximados.**
- **Larger diameters on request / Diámetros superiores bajo petición.**
- **Other material on request / Otros materiales bajo petición.**

UNITS / Unidades mm



SPECIFICATIONS / Especificaciones

| NOMINAL PRESSURE <i>Presión nominal</i> | TEST PRESSURE / Prueba de presión (MPa) | | | MAXIMUM OPERATING TEMPERATURE <i>Temperatura máxima de operación</i> | SIZES <i>Rango</i> |
|--|---|---------------------------------------|--|---|-----------------------|
| | STRENGTH TEST <i>Prueba de resistencia</i> | SEAT TEST <i>Prueba de asiento</i> | GAS SEAL TEST <i>Prueba de sello de gas</i> | | |
| 900LB | 22.7 | 16.7 | 0.6 | PTFE < 150°C PPL < 220°C | ½" - 2" |
| 1500LB | 37.8 | 28.1 | 0.6 | | |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME <i>Nombre de pieza</i> | CARBON STEEL <i>Acero al Carbono</i> | | STAINLESS STEEL <i>Acero Inoxidable</i> | |
|----|-------------------------------------|--|-----------------|--|--|
| | | | | | |
| 1 | Body / Cuerpo | A105N | A182 - F304 (L) | A182 - F316 (L) | |
| 2 | Bonnet / Bonete | A105N | A182 - F304 (L) | A182 - F316 (L) | |
| 3 | Stud / Espárrago | A193 - B7 | A193 - B8 | A193 - B8M | |
| 4 | Nut / Tuerca | A194 - 2H | A194 - 8 | A194 - 8M | |
| 5 | Seat ring / Asiento | | PTFE / PPL | | |
| 6 | Ball / Bola | A182 - F304 | A182 - F304 (L) | A182 - F316 (L) | |
| 7 | Stem / Vástago | A182 - F410 | A182 - F304 (L) | A182 - F316 (L) | |
| 8 | Gasket / Junta | PTFE - 304 + GRAPHITE / PTFE - 304 + Grafito | | | |
| 9 | Stem packing | PTFE | | | |
| 10 | Empaquetadura Vástago | PTFE - GRAPHITE / PTFE - Grafito | | | |
| 11 | Gland / Prensaestopa | A182 - F410 | A182 - F304 (L) | A182 - F316 (L) | |
| 12 | Spring / Muelle | STEEL 65Mn / Acero 65Mn | | | |
| 13 | Nut / Tuerca | A194 - B7 | A194 - 8 | | |
| 14 | Lever / Palanca | Q235A | | | |
| 15 | Pin / Pasador | A194 - B7 | F316 | | |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

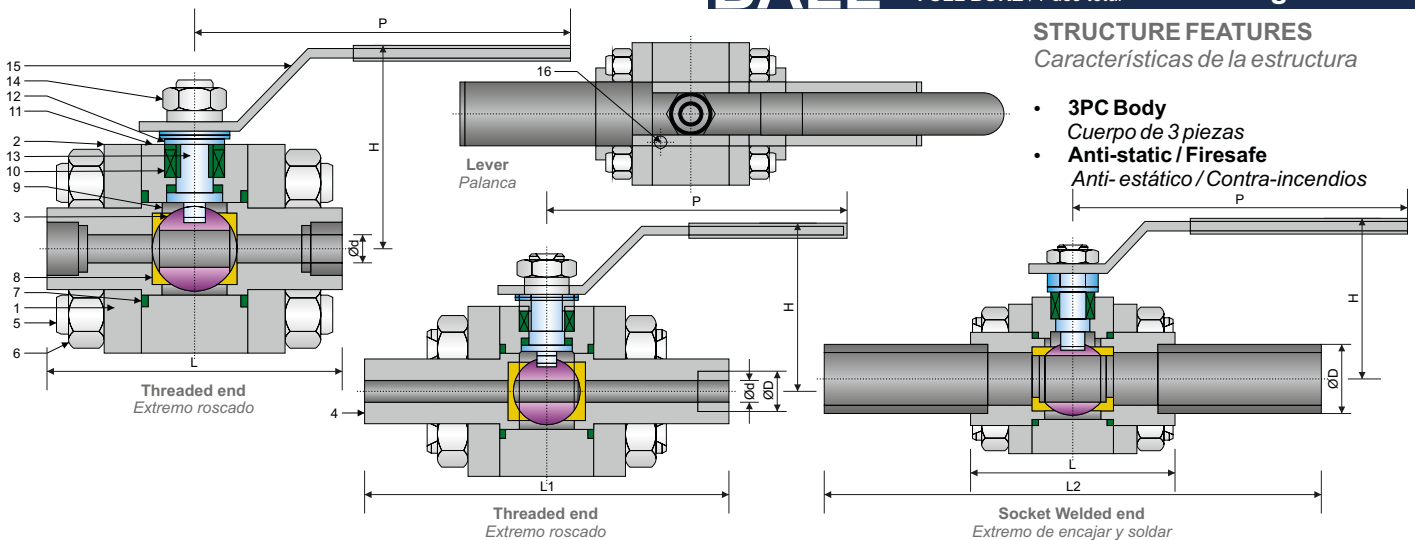
CLASS 800 (NPS ½" - 2")

| NPS (in.) | L | S | B | P |
|--------------|-----|------|------|-----|
| ½" | 92 | 21.8 | 9.6 | 123 |
| ¾" | 111 | 27.1 | 12.7 | 160 |
| 1 | 127 | 33.8 | - | 160 |
| 1 ¼" | 140 | 42.8 | 12.7 | 195 |
| 1 ½" | 152 | 48.7 | 12.7 | 195 |
| 2" | 178 | 61.1 | 15.9 | 250 |

Notes / Notas:

- Approximate weights / Pesos aproximados.
- Larger diameters on request / Diámetros superiores bajo petición.
- Other material on request / Otros materiales bajo petición.

UNITS / Unidades mm


STRUCTURE FEATURES
Características de la estructura

- **3PC Body**
Cuerpo de 3 piezas
- **Anti-static / Firesafe**
Anti-estático / Contra-incendios

SPECIFICATIONS / Especificaciones

| CONNECTION END / Extremos | | SIZES Rango |
|----------------------------|--|----------------|
| THREADED <i>Roscado</i> | SOCKET WELDED <i>Encajar y Soldar</i> | |
| BSPT, NPT, DIN2999 | ANSI B16.11 | ½" - 2" |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME <i>Nombre de pieza</i> | CARBON STEEL <i>Acero al Carbono</i> | STAINLESS STEEL <i>Acero Inoxidable</i> |
|----|--|---|---|
| 1 | Body / <i>Cuerpo</i> | A105 | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 2 | Cap / <i>Capuchón</i> | A105 | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 3 | Ball / <i>Bola</i> | Stainless Steel 410 / <i>Acero Inoxidable 410</i> | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 4 | Nipple / <i>Manguito de unión</i> | A105 | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 5 | Stud / <i>Espárrago</i> | A193 - B7 | A193 - B8M |
| 6 | Nut / <i>Tuerca</i> | A194 - 2H | A194 - B8 |
| 7 | Gasket / <i>Junta</i> | | RPTFE |
| 8 | Seat ring / <i>Asiento</i> | | RPTFE |
| 9 | Seal / <i>Sello</i> | | RPTFE |
| 10 | Packing / <i>Empaquetadura</i> | | RPTFE |
| 11 | Gland Flange / <i>Brida prensaestopa</i> | Stainless Steel 304 / <i>Acero Inoxidable 304</i> | |
| 12 | Spring / <i>Muelle</i> | Stainless Steel 301 / <i>Acero Inoxidable 301</i> | |
| 13 | Stem / <i>Vástago</i> | A276 - 410 | Stainless Steel 316 / <i>Acero Inoxidable 316</i> |
| 14 | Nut / <i>Tuerca</i> | A194 - 2H | A194 - B8 |
| 15 | Lever / <i>Palanca</i> | Stainless Steel 301 + PVC / <i>Acero Inoxidable 301 + PVC</i> | |
| 16 | Stoper / <i>Tapón</i> | Stainless Steel 304 / <i>Acero Inoxidable 304</i> | |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales
CLASS 1500 (NPS ½" - 2")

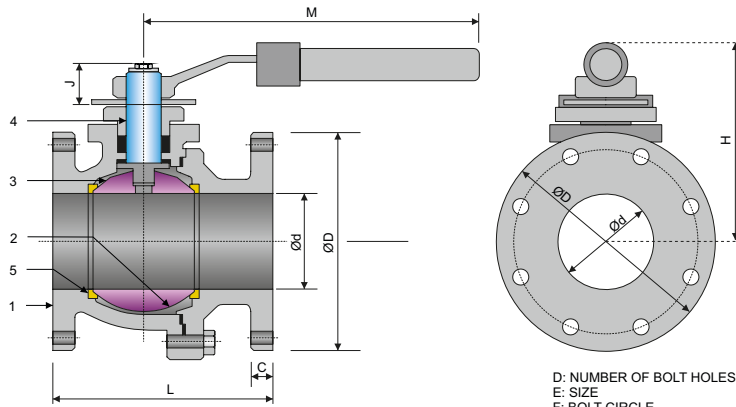
| NPS (in.) | Ød | ØD | L | L1 | L2 | H | P |
|--------------|------|----|-----|-----|-----|-----|-----|
| ½" | 12.7 | 22 | 100 | 130 | 200 | 65 | 150 |
| ¾" | 17.5 | 28 | 120 | 130 | 220 | 72 | 150 |
| 1 | 22 | 34 | 135 | 130 | 235 | 80 | 170 |
| 1 ¼" | 28.5 | 43 | 165 | 180 | 265 | 80 | 170 |
| 1 ½" | 38 | 49 | 200 | 210 | 300 | 105 | 240 |
| 2" | 47.5 | 61 | 220 | 250 | 320 | 114 | 240 |

Notes / Notas:

- **Approximate weights / Pesos aproximados.**
- **Larger diameters on request / Diámetros superiores bajo petición.**
- **Other material on request / Otros materiales bajo petición.**

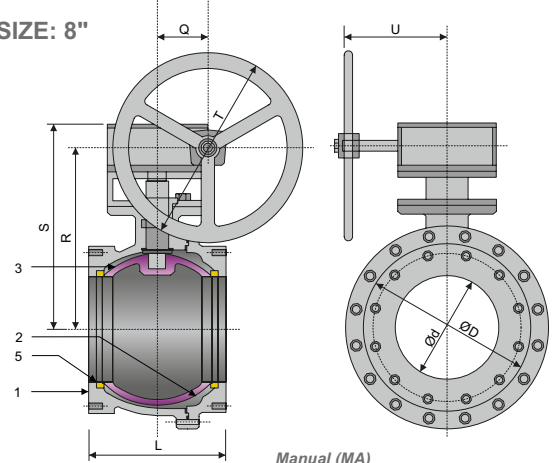
UNITS / Unidades mm

SIZE: 1/2" - 6"



Manual (MA)
 Handle / Maneta
 Raised Face (RF) / Cara resaltada

SIZE: 8"



Manual (MA)
 Handwheel / Volante
 Raised Face (RF) / Cara resaltada

SPECIFICATIONS / Especificaciones

ASME

| DESIGN Diseño | CONNECTION END / Extremos | SIZES Rango |
|--------------------------|---------------------------|----------------|
| | FLANGED Bridada | |
| ASME B16.10 MSS SP-72 | EN1092-2 | 1/2" - 8" |

MAIN PARTS MATERIAL / Material de las piezas principales

| Nº | PART NAME Nombre de pieza | CAST IRON Hierro fundido |
|----|-------------------------------|------------------------------------|
| 1 | Body / Cuerpo | CAST IRON / Hierro fundido GG25 |
| 2 | Body end / Extremo del cuerpo | CAST IRON / Hierro fundido GG25 |
| 3 | Ball / Bola | CAST IRON / Hierro fundido GG25 |
| 4 | Stem / Vástago | BRASS / Latón - CW614N UNI EN12164 |
| 5 | Seat / Asiento | PTFE + GRAPHITE / Grafito |

MAIN EXTERNAL DIMENSIONS / Dimensiones externas principales

ASTM A 126 Class B (NPS 1/2" - 8")

| NPS (in.) | Ød | ØD | L | M | H | C | D | E | F | J | Q | R | S | T | U | W / P (Kg.) |
|-----------|-----|-----|-----|-----|-----|----|---|----|-----|----|-----|-----|-----|-----|-----|-------------|
| 1/2" | 15 | 90 | 108 | 229 | 89 | - | 4 | - | - | - | - | - | - | - | - | 2,72 |
| 3/4" | 20 | 95 | 118 | 229 | 89 | - | 4 | - | - | - | - | - | - | - | - | 3,63 |
| 1 | 25 | 110 | 127 | 229 | 102 | - | 4 | - | - | - | - | - | - | - | - | 4,55 |
| 1 1/2" | 40 | 127 | 165 | 279 | 127 | - | 4 | - | - | - | - | - | - | - | - | 7,26 |
| 2" | 50 | 152 | 178 | 279 | 127 | 16 | 4 | 19 | 125 | 25 | - | - | - | - | - | 9,98 |
| 2 1/2" | 63 | 178 | 190 | 419 | 146 | 19 | 4 | 19 | 140 | 25 | - | - | - | - | - | 15,42 |
| 3" | 76 | 190 | 204 | 419 | 159 | 21 | 4 | 19 | 153 | 25 | - | - | - | - | - | 17,24 |
| 4" | 95 | 229 | 229 | 460 | 178 | 23 | 8 | 19 | 191 | 25 | - | - | - | - | - | 26,31 |
| 6" | 145 | 280 | 267 | 552 | 254 | 25 | 8 | 21 | 242 | 43 | - | - | - | - | - | 53,50 |
| 8" | 205 | 343 | 292 | - | 350 | - | 8 | - | 300 | - | 123 | 377 | 436 | 458 | 247 | 156,50 |

Notes / Notas:

- Approximate weights / Pesos aproximados.
- Larger diameters on request / Diámetros superiores bajo petición.
- Other material on request / Otros materiales bajo petición.

UNITS / Unidades mm