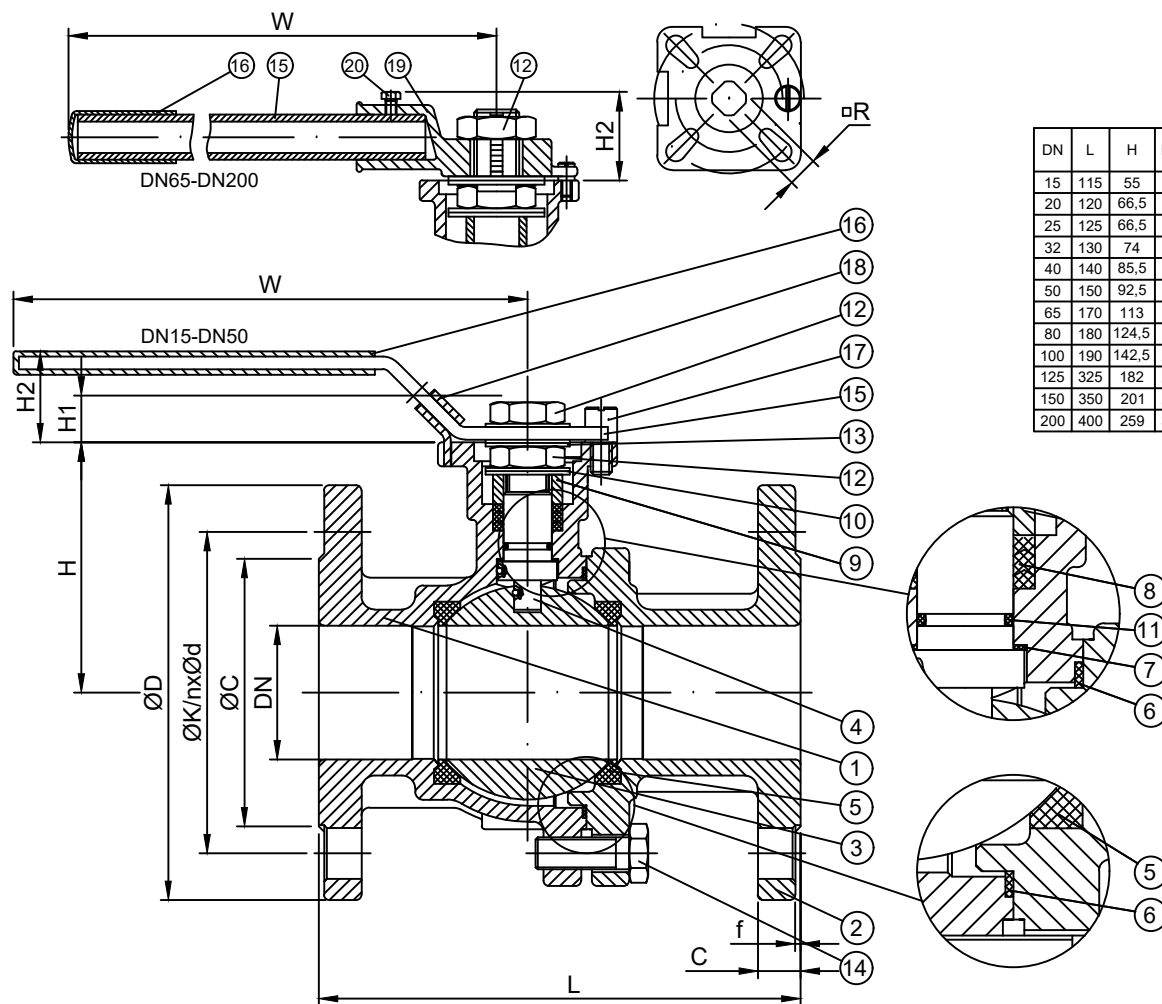




#### MAIN FEATURES/PRINCIPALES ATRIBUTOS

Fire Safe design. Certified tests to API 6FA, API 607 on request

Diseño Fire Safe. Ensayos certificados según API 6FA, API 607 bajo demanda

Nominal Pressure/ Presión nominal: PN40 (DN15-50; optional DN65-200); PN16 (DN65-200)

Face to face length/ Longitud entre caras: DN15-100: EN 558 S14 (DIN3202 F4); DN125-200: EN 558 S15 (DIN3202 F5)

Valve end connections/ Conexiones: Flanged to EN1092-1 type 21/B, (valves DN65 PN16 with 4 holes as accepted variant in standard)

Split body, full bore, floating ball/ Cuerpo partido, paso total, bola flotante

Antistatic device/ Dispositivo antiestático

Blow-out proof stem/ Eje no eyectable

Direct mounting pad/ Brida de montaje directo: ISO 5211

Marking/ Marcado: EN 19

Pressure Tests/ Pruebas de presión: EN 12266-1

Seat leakage rate/ Tasa de fuga al cierre: Rate A (full seat tightness in both directions)



PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY II /  
PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA II

| DN  | L   | H     | H1 | H2 | W    | PN16 |     |       |     |    |   | PN40 |     |       |     |    |   | R  | ISO-5211 | Kvs-value | Torque |      | Approx. Weight |
|-----|-----|-------|----|----|------|------|-----|-------|-----|----|---|------|-----|-------|-----|----|---|----|----------|-----------|--------|------|----------------|
|     |     |       |    |    |      | ØD   | ØK  | nxØd  | ØC  | C  | f | ØD   | ØK  | nxØd  | ØC  | C  | f |    |          |           | PN16   | PN40 |                |
| 15  | 115 | 55    | 9  | 35 | 125  | 95   | 65  | 4x14  | 45  | 16 | 2 | 95   | 65  | 4x14  | 45  | 16 | 2 | 9  | F03-F04  | 18        | 14     | 18   | 3              |
| 20  | 120 | 66,5  | 11 | 35 | 125  | 105  | 75  | 4x14  | 58  | 18 | 2 | 105  | 75  | 4x14  | 58  | 18 | 2 | 9  | F03-F04  | 40        | 18     | 22   | 3,5            |
| 25  | 125 | 66,5  | 11 | 35 | 160  | 115  | 85  | 4x14  | 68  | 18 | 2 | 115  | 85  | 4x14  | 68  | 18 | 2 | 11 | F04-F05  | 63        | 22     | 27   | 4              |
| 32  | 130 | 74    | 11 | 35 | 160  | 140  | 100 | 4x18  | 78  | 18 | 2 | 140  | 100 | 4x18  | 78  | 18 | 2 | 11 | F04-F05  | 108       | 33     | 42   | 5,5            |
| 40  | 140 | 85,5  | 15 | 40 | 190  | 150  | 110 | 4x18  | 88  | 18 | 3 | 150  | 110 | 4x18  | 88  | 18 | 3 | 14 | F05-F07  | 174       | 39     | 48   | 7,5            |
| 50  | 150 | 92,5  | 15 | 40 | 190  | 165  | 125 | 4x18  | 102 | 18 | 3 | 165  | 125 | 4x18  | 102 | 20 | 3 | 14 | F05-F07  | 265       | 51     | 64   | 11             |
| 65  | 170 | 113   | 18 | 70 | 355  | 185  | 145 | 4x18  | 122 | 18 | 3 | 185  | 145 | 8x18  | 122 | 22 | 3 | 17 | F07-F10  | 475       | 72     | 90   | 16             |
| 80  | 180 | 124,5 | 18 | 70 | 355  | 200  | 160 | 8x18  | 138 | 20 | 3 | 200  | 160 | 8x18  | 138 | 24 | 3 | 17 | F07-F10  | 915       | 120    | 155  | 20,5           |
| 100 | 190 | 142,5 | 23 | 70 | 400  | 220  | 180 | 8x18  | 158 | 20 | 3 | 235  | 190 | 8x22  | 162 | 24 | 3 | 22 | F10-F12  | 1510      | 175    | 210  | 26,5           |
| 125 | 325 | 182   | 28 | 80 | 770  | 250  | 210 | 8x18  | 188 | 22 | 3 | 270  | 220 | 8x26  | 188 | 26 | 3 | 27 | F10-F12  | 2440      | 240    | 350  | 50,5           |
| 150 | 350 | 201   | 28 | 80 | 770  | 285  | 240 | 8x22  | 212 | 22 | 3 | 300  | 250 | 8x26  | 218 | 28 | 3 | 27 | F10-F12  | 3890      | 350    | 520  | 71             |
| 200 | 400 | 259   | 35 | 80 | 1100 | 340  | 295 | 12x22 | 268 | 24 | 3 | 375  | 320 | 12x30 | 285 | 34 | 3 | 36 | F14      | 8310      | 680    | 840  | 115            |

Dimensions in mm. subject to manufacturing tolerance  
Dimensiones en mm. sujetas a tolerancias de fabricación

| NO. | PART/PARTE                            | MATERIAL                                                                                                      |                                 |
|-----|---------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1   | BODY/CUERPO                           | St. Steel/Acero Inox. 1.4408                                                                                  | Cast steel/Acero carbono 1.0619 |
| 2   | CAP/TAPA                              | St. Steel/Acero Inox. 1.4408                                                                                  | Cast steel/Acero carbono 1.0619 |
| 3   | BALL/BOLA                             | St. Steel/Acero Inox. 1.4408                                                                                  | St. Steel/Acero inox. 1.4308    |
| 4   | STEM/EJE                              | St. Steel/Acero Inox. SS316                                                                                   | St. Steel/Acero inox. SS304     |
| 5   | SEAT/ASIENTO                          | TFM1600 (TFM4215 High temperature & Firesafe Design/Alta temperatura y Diseño Firesafe)                       |                                 |
| 6   | GASKET/JUNTA                          | TFM1600 (TFM4215 High temperature/Alta temperatura // SS304+graphite/grafito Firesafe design/Diseño Firesafe) |                                 |
| 7   | THRUST WASHER/ARANDELA DE PRESIÓN     | TFM1600 (TFM4215 High temperature & Firesafe Design/Alta temperatura y Diseño Firesafe)                       |                                 |
| 8   | PACKING/EMPAQUETADURA                 | TFM1600 (TFM4215 High temperature/Alta temperatura // Graphite/Grafito Firesafe design/Diseño Firesafe)       |                                 |
| 9   | GLAND RING/ANILLO PRENSA              | St. Steel/Acero Inox. SS304                                                                                   |                                 |
| 10  | BELLEVILLE WASHER/DISCO BELLEVILLE    | St. Steel/Acero Inox. SS301                                                                                   |                                 |
| 11  | O-RING/JUNTA TÓRICA                   | Viton (FFKM High temperature/Alta temperatura)                                                                |                                 |
| 12  | STEM NUT/TUERCA EJE                   | St. Steel/Acero Inox. SS304                                                                                   |                                 |
| 13  | BLOCKING WASHER/ARANDELA DE BLOQUEO   | St. Steel/Acero Inox. SS304                                                                                   |                                 |
| 14  | BOLTS-NUTS/TORNILLOS-TUERCAS          | St. Steel/Acero Inox. SS304                                                                                   | Carbon steel/Acero carbono      |
| 15  | HANDLE/PALANCA                        | Galvanized Steel/Acero Galvanizado                                                                            |                                 |
| 16  | HANDLE SLEEVE/FUNDA PALANCA           | Plastic/Plástico                                                                                              |                                 |
| 17  | STOP PIN/PIN TOPE                     | St. Steel/Acero Inox. SS304                                                                                   |                                 |
| 18  | LOCKING DEVICE/DISPOSITIVO DE BLOQUEO | St. Steel/Acero Inox. SS304                                                                                   |                                 |
| 19  | HANDLE HEAD/CABEZAL PALANCA           | St. Steel/Acero Inox. 1.4308                                                                                  |                                 |
| 20  | HANDLE BOLT/TORNILLO PALANCA          | St. Steel/Acero Inox. SS304                                                                                   |                                 |

Data subject to alteration due to continuous improvement. Regularly updated data on [www.comeval.es](http://www.comeval.es)  
Sujeto a cambios debido a la mejora continua de nuestros productos. Datos regularmente actualizados en [www.comeval.es](http://www.comeval.es)

|                                                                                       |   |                       |            |                                                                                                                                                                                                                                                                                   |                   |                  |            |
|---------------------------------------------------------------------------------------|---|-----------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------|
| Customer/Cliente                                                                      | - | Project/Proyecto      | -          | <div>  <b>FLOATING BALL VALVE WITH LEVER AND ISO TOP (DIRECT MOUNTING)</b><br/> <b>VÁLVULA DE BOLA FLOTANTE CON PALANCA E ISO SUPERIOR (MONTAJE DIRECTO)</b><br/> <b>BV4M PN16-40</b> </div> |                   |                  |            |
| Your Ref./Su Ref.                                                                     | - | Our Ref./Nuestra Ref. | 229000113  |                                                                                                                                                                                                                                                                                   |                   |                  |            |
|                                                                                       |   | Rev.                  | 220914     |                                                                                                                                                                                                                                                                                   |                   |                  |            |
| Date/Fecha                                                                            |   |                       | 14/09/2022 |                                                                                                                                                                                                                                                                                   |                   |                  |            |
| Name/Nombre                                                                           |   |                       | aes40377   | Drawn/Dibujado                                                                                                                                                                                                                                                                    | Approved/Aprobado | Checked/Comprob. | Date/Fecha |
|  |   |                       |            | CR                                                                                                                                                                                                                                                                                | JG                | DT               | 11/08/2014 |
|                                                                                       |   |                       |            | Drawing N°/Plano N°<br>FLANGED_STEEL_FLOATING_BALL_VALVES_PN16_PN40-BV4M-UNIFLOW-GENERAL_DRAWING-EN                                                                                                                                                                               |                   |                  |            |