

| DN  | L   |     | H<br>(open) | H1<br>(close) | a    | ØW  | FLANGED ENDS TO PN10 |    |     |   |      | FLANGED ENDS TO 150#* |     |      |     |     | Approx. Weight |       |     |      |
|-----|-----|-----|-------------|---------------|------|-----|----------------------|----|-----|---|------|-----------------------|-----|------|-----|-----|----------------|-------|-----|------|
|     | BS  | DIN |             |               |      |     | ØD                   | C  | ØR  | f | nxØd | K                     | ØD  | C    | ØR  | f   | nxØd           | K     | BS  | DIN  |
| 15  | 108 | 130 | 109         | 103           | 52   | 100 | 95                   | 14 | 45  | 2 | 4x14 | 65                    | 89  | 11,5 | 35  | 1,6 | 4x16           | 60,3  | 2,3 | 2,7  |
| 20  | 114 | 150 | 117         | 109           | 67   | 100 | 105                  | 16 | 58  |   | 4x14 | 75                    | 98  | 11,5 | 43  |     | 4x16           | 69,8  | 3,2 | 3,5  |
| 25  | 127 | 160 | 140         | 130           | 75   | 120 | 115                  | 16 | 68  |   | 4x14 | 85                    | 108 | 11,5 | 51  |     | 4x16           | 79,4  | 4,2 | 4,4  |
| 32  | 146 | 180 | 143         | 131           | 88   | 120 | 140                  | 18 | 78  |   | 4x18 | 100                   | 117 | 13   | 64  |     | 4x16           | 88,9  | 6,4 | 6,6  |
| 40  | 159 | 200 | 172         | 152           | 110  | 120 | 150                  | 18 | 88  | 3 | 4x18 | 110                   | 127 | 14,5 | 73  | 1,6 | 4x16           | 98,4  | 7,5 | 8,5  |
| 50  | 190 | 230 | 190         | 166           | 127  | 164 | 165                  | 20 | 102 |   | 4x18 | 125                   | 152 | 16   | 92  |     | 4x19           | 120,6 | 12  | 12,5 |
| 65  | 216 | 290 | 230         | 195           | 146  | 220 | 185                  | 20 | 122 |   | 4x18 | 145                   | 178 | 17,5 | 105 |     | 4x19           | 139,7 | 18  | 19   |
| 80  | 254 | 310 | 242         | 202           | 190  | 240 | 200                  | 22 | 138 |   | 8x18 | 160                   | 191 | 19,5 | 127 |     | 4x19           | 152,4 | 23  | 25   |
| 100 | 305 | 350 | 326         | 275           | Ø230 | 270 | 220                  | 24 | 158 | 3 | 8x18 | 180                   | 229 | 24   | 157 | 1,6 | 8x19           | 190,5 | 34  | 36   |
| 125 | 356 | 400 | 391         | 326           | Ø265 | 270 | 250                  | 26 | 188 |   | 8x18 | 210                   | 254 | 24   | 186 |     | 8x22           | 215,9 | 50  | 52   |
| 150 | 406 | 480 | 468         | 390           | Ø320 | 360 | 285                  | 26 | 212 |   | 8x22 | 240                   | 279 | 25,5 | 216 |     | 8x22           | 241,3 | 69  | 75   |

\*Unless specific agreement with COMEVAL, valves with flanges 150# will be usually supplied as EN/DIN flanges with 150# drilling, since pressure is limited to EN/DIN / Salvo acuerdo específico con COMEVAL, las válvulas con bridas 150# se suelen ofrecer de acuerdo a EN/DIN taladradas según 150#, puesto que la presión viene limitada por EN/DIN

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



| NO.   | PART/PARTE                     | QTY<br>Nos | MATERIAL                              |   |
|---|--------------------------------|------------|---------------------------------------|---|
| 1   | BODY/ CUERPO                   | 01         | WC_                                   | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
|   |                                |            | WD_                                   | Ductile Iron/F. Nodular EN-JS1030 (GGG40)   |
| 2   | DIAPHRAGM /DIAFRAGMA           | 01         | RUBBER                                | Natural (D10) / EPDM (D20) / Butyl (D30) / Nitrile (D40) / Neoprene (D50) / Hypalon (D60) / Viton (D70) |
|   |                                |            |                                       | PTFE + EPDM (D92) / PTFE + Butyl (D93) / PTFE + Viton (D97)   |
| 3   | COMPRESSOR/ COMPRESOR          | 01         | Cast Iron/H. Fundido EN-JL1040 (GG25) |   |
| 4   | BONNET/ BONETE                 | 01         | WC_                                   | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
|   |                                |            | WD_                                   | Ductile Iron/F. Nodular EN-JS1030 (GGG40)   |
| 5   | SPINDLE/ EJE                   | 01         | Steel/ Acero                          |   |
| 6   | HANDWHEEL/ VOLANTE             | 01         | Cast Iron/H. Fundido EN-JL1040 (GG25) |   |
| 7   | H/W DOWEL PIN/ PASADOR VOLANTE | 01         | Steel/Acero (EN42)                    |   |
| 8   | BODY STUDS/ PERNOS DEL CUERPO  | *          | Steel/ Acero                          |   |
| 9   | BODY NUTS/ TUERCAS DEL CUERPO  | *          | Steel/ Acero                          |   |
| 10  | THRUST WASHER/ARANDELA EMPUJE  | 01         | NYLON                                 |   |
| 11  | COMP. PIN/ PASADOR COMPRESOR   | 01         | Steel/Acero (EN42)                    |   |
| *: SIZE DN15 TO DN80: 4Nos<br>SIZE DN100 & DN125: 8Nos<br>SIZE DN150: 10Nos |                                |            |                                       |   |

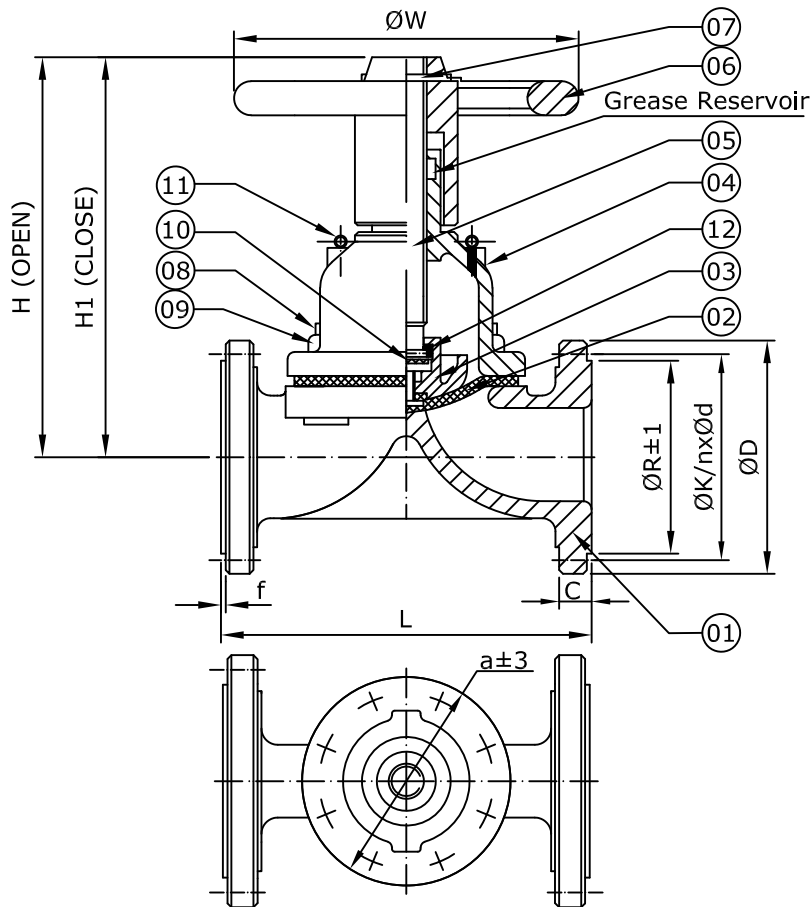
The information in this drawing is an extract from Data Sheet DS13. Please refer to the Data Sheet for further details  
Data subject to alteration due to continuous improvement. Regularly updated data on www.comeval.es  
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Sujeto a cambios debido a la mejora continua de nuestros productos. Datos regularmente actualizados en www.comeval.es

### MAIN FEATURES/PRINCIPALES ATRIBUTOS

Valve Design/ Diseño: EN 13397  
Nominal Pressure/ Presión nominal: Rubber Diaph. - 16 bar (DN15-50), 10 bar (DN65-150);  
PTFE Diaph. - 10 bar (DN15-125), 6 bar (DN150)  
Face to face length/ Longitud entre caras: EN558 Series 1 (DIN 3202F1) or EN558 Series 7 (BS5156)  
Valve end connections/ Conexiones: Flanged to EN1092-2 type 21/B, PN10/16 (DN15-150) (valves DN65 with 4 holes as accepted variant in standard)  
Marking/ Marcado: EN19  
Pressure Tests/ Pruebas de presión: EN12266-1  
Seat leakage rate/ Tasa de fuga al cierre: Rate A (full seat tightness in both directions)  
Inside and outside primer paint layer black color / Recubrimiento interior y exterior de pintura, color negro mate

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

|   |                       |   |                          |                     |
|---|-----------------------|---|--------------------------|---------------------|
| Customer/Cliente  | Project/Proyecto      | Description/Descripción   |                          |                     |
| -   | -                     | WEIR TYPE DIAPHRAGM VALVES<br>UNLINED WITH FLANGED ENDS<br>VÁLVULA DE DIAFRAGMA DE PASO<br>ONDULADO SIN REVESTIR CON<br>BRIDAS<br>DIAVAL W/UL |                          |                     |
| Your Ref./Su Ref.   | Our Ref./Nuestra Ref. |    |                          |                     |
| -   | -                     |   |                          |                     |
|   | Rev. 1                | Rev. 2  | Rev. 3                   |                     |
| Date/Fecha  |                       |   |                          |                     |
| Name/Nombre   |                       |   |                          |                     |
|  |                       | Drawn/Dibujado<br>EH  | Approved/Aprobado<br>JG  | Drawing N°/Plano N° |
|   |                       | Checked/Comprob.<br>DT  | Date/Fecha<br>12/08/2014 | GD09_WULDN150       |



SIZE: DN 200 TO DN 300

| DN  | L   |     | H (open) | H1 (close) | a    | ØW  | FLANGED ENDS TO EN PN10 |    |     |   |       | FLANGED ENDS TO ASA150#* |     |      |     |     | Approx. Weight/Peso (kg) |       |     |     |
|-----|-----|-----|----------|------------|------|-----|-------------------------|----|-----|---|-------|--------------------------|-----|------|-----|-----|--------------------------|-------|-----|-----|
|     | BS  | DIN |          |            |      |     | ØD                      | C  | ØR  | f | nxØd  | ØK                       | ØD  | C    | ØR  | f   | nxØd                     | ØK    | BS  | DIN |
| 200 | 521 | 600 | 680      | 560        | Ø420 | 460 | 340                     | 26 | 268 | 3 | 8x22  | 295                      | 343 | 29   | 270 | 1,6 | 8x22                     | 298,4 | 150 | 160 |
| 250 | 635 | 730 | 802      | 657        | Ø502 | 600 | 395                     | 28 | 320 | 3 | 12x22 | 350                      | 406 | 30,5 | 324 | 1,6 | 12x22                    | 361,9 | 220 | 235 |
| 300 | 749 | 850 | 971      | 796        | Ø569 | 700 | 445                     | 28 | 370 | 4 | 12x22 | 400                      | 483 | 32   | 381 | 1,6 | 12x22                    | 431,8 | 300 | 315 |

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



| NO. | PART/PARTE                     | QTY Nos | MATERIAL |   |
|-----|--------------------------------|---------|----------|---|
|     |                                |         | WC_      |   |
| 1   | BODY/ CUERPO                   | 1       | WC_      | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
|     |                                |         | WD_      | Ductile Iron/F. Nodular EN-JS1030 (GGG40)   |
| 2   | DIAPHRAGM /DIAFRAGMA           | 1       | RUBBER   | Natural (D10) / EPDM (D20) / Butyl (D30) / Nitrile (D40) / Neoprene (D50) / Hypalon (D60) / Viton (D70) |
|     |                                |         |          | PTFE + EPDM (D92) / PTFE + Butyl (D93) / PTFE + Viton (D97)   |
|     |                                |         |          |   |
| 3   | COMPRESSOR/ COMPRESOR          | 1       |          | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
| 4   | BONNET/ BONETE                 | 1       | WC_      | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
|     |                                |         | WD_      | Ductile Iron/F. Nodular EN-JS1030 (GGG40)   |
| 5   | SPINDLE/ EJE                   | 1       |          | Steel/ Acero  |
| 6   | HANDWHEEL/ VOLANTE             | 1       |          | Cast Iron/H. Fundido EN-JL1040 (GG25)   |
| 7   | H/W DOWEL PIN/ PASADOR VOLANTE | 1       |          | Steel/Acero (EN42)  |
| 8   | BODY STUDS/ PERNOS DEL CUERPO  | 14      |          | Steel/ Acero  |
| 9   | BODY NUTS/ TUERCAS DEL CUERPO  | 14      |          | Steel/ Acero  |
| 10  | THRUST WASHER/ARANDELA EMPUJE  | 1       |          | NYLON   |
| 11  | EYE BOLT/ ARGOLLA              | 2       |          | Steel/Acero (EN42)  |
| 12  | WASHER/ ARANDELA               | 1       |          | NYLON   |

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Sujeto a cambios debido a la mejora continua de nuestros productos. Datos regularmente actualizados en www.comeval.es

### MAIN FEATURES/PRINCIPALES ATRIBUTOS

Valve Design/ Diseño: EN 13397  
Nominal Pressure/ Presión nominal: 6 bar (DN200), 5 bar (DN250), 4 bar (DN300)  
Face to face length/ Longitud entre caras: EN558 Series 1 (DIN 3202F1) or EN558 Series 7 (BS5156)  
Valve end connections/ Conexiones: Flanged to EN1092-2 type 21/B, PN10 (DN200-300) (valves DN65 with 4 holes as accepted variant in standard)  
Marking/ Marcado: EN19  
Pressure Tests/ Pruebas de presión: EN12266-1  
Seat leakage rate/ Tasa de fuga al cierre: Rate A (full seat tightness in both directions)  
Inside and outside primer paint layer black color / Recubrimiento interior y exterior de pintura negra

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

| Customer/Cliente  |  | Project/Proyecto      |        | Description/Descripción   |  |
|---|--|-----------------------|--------|---|--|
| -   |  | -                     |        |  WEIR TYPE DIAPHRAGM VALVES<br>UNLINED WITH FLANGED ENDS<br>VÁLVULA DE DIAFRAGMA DE PASO<br>ONDULADO SIN REVESTIR CON<br>BRIDAS<br>DIAVAL W/UL |  |
| Your Ref./Su Ref.   |  | Our Ref./Nuestra Ref. |        |   |  |
| -   |  | -                     |        |   |  |
|   |  | Rev. 1                | Rev. 2 | Rev. 3  |  |
| Date/Fecha  |  |                       |        |   |  |
| Name/Nombre   |  |                       |        |   |  |
|  |  | Drawn/Dibujado        |        | Approved/Aprobado   |  |
|   |  | EH                    |        | JG  |  |
|   |  | Checked/Comprob.      |        | Date/Fecha  |  |
|   |  | DT                    |        | 12/08/2014  |  |
|   |  |                       |        | Drawing N°/Plano N°   |  |
|   |  |                       |        | GD09_WULDN300   |  |