



Válvulas en acero  
inoxidable y aleaciones  
especiales

*Stainless steel and  
special alloys valves*



## PRESENTACIÓN

VÁLVULAS VS, S.L. somos una empresa especializada en la fabricación de válvulas en acero inoxidable, aleaciones especiales y recubrimientos para la industria química y petroquímica.

Contamos con más de treinta años de experiencia en el sector y nuestra constante política de calidad se ha visto reflejada en la obtención del certificado de empresa registrada según ISO 9001/2000.

La gran flexibilidad de la empresa junto con la amplia gama de fabricación y la calidad de los mismos, nos permite adecuarnos a las necesidades concretas de los clientes y convertirnos en referente importante tanto en el mercado interno como en el externo.

Nuestro sistema de Calidad garantiza, en todo el proceso, el máximo control en todas las fases de fabricación.

Así mismo, el cien por cien de nuestras válvulas son probadas individualmente en nuestro banco de pruebas, comprobando la estanqueidad de las mismas, fugas cero etc...

Por todo ello esperamos contar con su apoyo y deseamos ofrecerles nuestros servicios tanto técnicos como comerciales para cualquier consulta que quieran plantearnos.

## ABOUT US

*VÁLVULAS VS, S.L. is a Company dedicated to the manufacturing of stainless-steel and special alloy valves for chemical and petrochemical industries.*

*Throughout our more than thirty years experience in the valve industry, our constant and top priority has been to manufacture high quality products. Our Company is certified ISO 9001/2000 by Lloyd's Register.*

*The flexibility of our manufacturing process together with the high quality and wide range of our products allows us to meet the specific needs and requirements of every customer. We are a leading Company in the sector, both in the domestic and international markets.*

*The high standard requirements of our quality system guarantees the maximum quality control through all the manufacturing stages. Furthermore, each and every valve is tested in our test bench going through our hydrostatic and pneumatic test procedures and is checked and certified for zero leakage.*

*Finally, we would like to encourage you to contact us for any enquiry, either technical or commercial, you may have.*





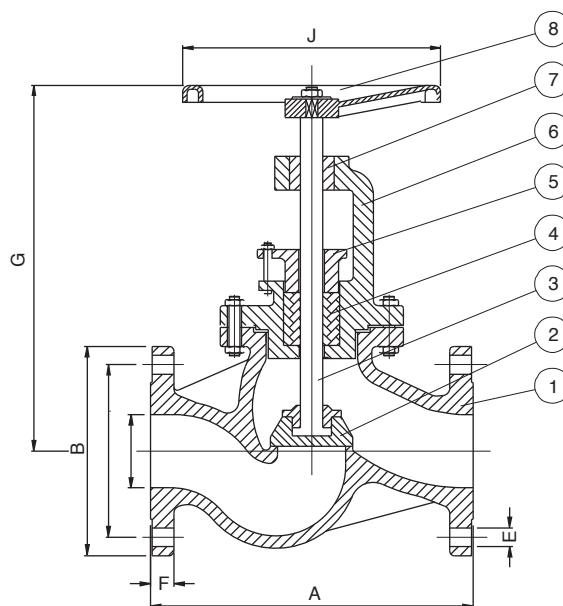


# VÁLVULA DE ASIENTO RECTO

## GLOBE VALVE STRAIGHT TYPE

### DIN STANDARD

FIG. VS 101  
PN-16



| Nº | DENOMINACIÓN / PART          | MATERIAL       |
|----|------------------------------|----------------|
| 1  | CUERPO / BODY                | CF8M           |
| 2  | CIERRE / DISC                | CF8M           |
| 3  | HUSILLO / STEM               | 316            |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE  |
| 5  | PRENSA / GLAND               | CF8M           |
| 6  | TAPA / BONNET                | CF8M           |
| 7  | TUERCA / NUT                 | BRONZE         |
| 8  | VOLANTE / HANDWHEEL          | CAST IRON GG25 |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE ASIENTO RECTO

- Tapa puente atornillada.
- Husillo y volante ascendentes.
- Cierre en acero inoxidable o PTFE.
- Bridas barrenadas y dimensionadas, s/n DIN serie PN-16.
- Distancia entre caras s/n DIN 3202 F-1.
- Pasos de 15 a 250 mm.

## GLOBE VALVE

- Bolted yoke bonnet.
- Rising stem and handwheel.
- Stainless steel or PTFE sealings.
- Flanges drilled and dimensioned, according to DIN PN-16.
- Distance between flanges according to DIN 3202 F-1.
- Sizes from 15 to 250 mm.

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  | 250  |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600  | 730  |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  | 405  |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  | 355  |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 20  | 22  | 22  | 24   | 26   |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   | 23   |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 8   | 8   | 8   | 8   | 8/12 | 8/12 |
| G                        | 200 | 210 | 225 | 235 | 250 | 265 | 320 | 345 | 395 | 450 | 490 | 545  | 755  |
| J                        | 125 | 125 | 125 | 150 | 160 | 160 | 200 | 200 | 250 | 320 | 380 | 450  | 500  |
| Peso (kg)<br>Weight (kg) | 5   | 6   | 8   | 10  | 12  | 17  | 23  | 27  | 44  | 68  | 101 | 175  | 276  |

\* N° de agujeros / N° of holes

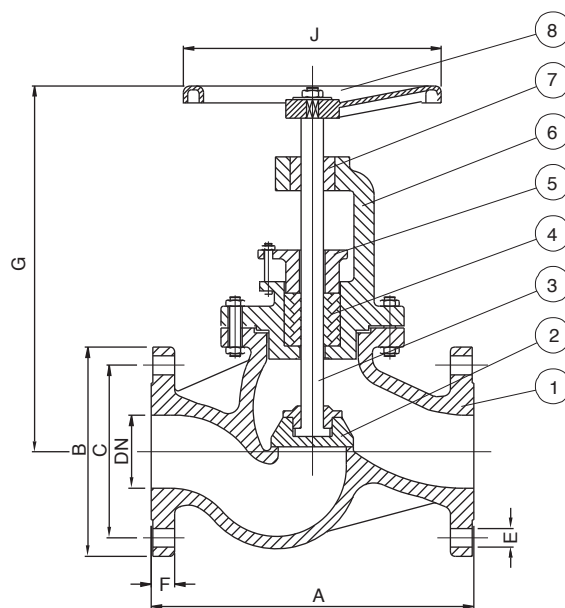


# VÁLVULA DE ASIENTO RECTO

## GLOBE VALVE STRAIGHT TYPE

### DIN STANDARD

FIG. VS 101  
PN-40



| Nº | DENOMINACIÓN / PART          | MATERIAL       |
|----|------------------------------|----------------|
| 1  | CUERPO / BODY                | CF8M           |
| 2  | CIERRE / DISC                | CF8M           |
| 3  | HUSILLO / STEM               | 316            |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE  |
| 5  | PRENSA / GLAND               | CF8M           |
| 6  | TAPA / BONNET                | CF8M           |
| 7  | TUERCA / NUT                 | BRONZE         |
| 8  | VOLANTE / HANDWHEEL          | CAST IRON GG25 |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE ASIENTO RECTO

- Tapa puente atornillada.
- Husillo y volante ascendentes.
- Cierre en acero inoxidable o PTFE.
- Bridas barrenadas y dimensionadas, s/n DIN serie PN-40.
- Distancia entre caras s/n DIN 3202 F-1.
- Pasos de 15 a 200 mm.

## GLOBE VALVE

- Bolted yoke bonnet.
- Rising stem and handwheel.
- Stainless steel or PTFE sealings.
- Flanges drilled and dimensioned, according to DIN PN-40.
- Distance between flanges according to DIN 3202 F-1.
- Sizes from 15 to 200 mm.

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 235 | 270 | 300 | 375 |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 190 | 220 | 250 | 320 |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 24  | 26  | 28  | 30  |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 23  | 27  | 27  | 30  |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 8   | 8   | 8   | 8   | 8   | 12  |
| G                        | 200 | 210 | 225 | 235 | 250 | 265 | 320 | 345 | 395 | 450 | 490 | 545 |
| J                        | 125 | 125 | 125 | 150 | 160 | 160 | 200 | 200 | 250 | 320 | 450 | 500 |
| Peso (kg)<br>Weight (kg) | 5   | 6   | 8   | 10  | 12  | 17  | 27  | 35  | 57  | 72  | 108 | 190 |

\* N° de agujeros / N° of holes

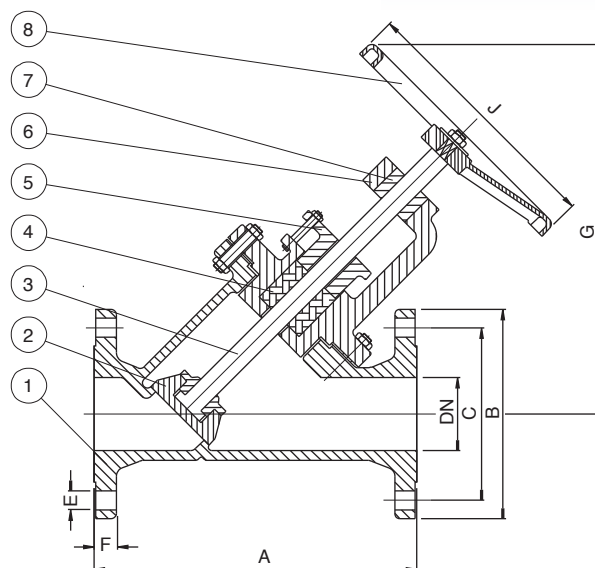




# VÁLVULA DE ASIENTO INCLINADO GLOBE VALVE "Y- PATTERN"

DIN STANDARD

Fig. VS 102  
PN-16/40



| Nº | DENOMINACIÓN / PART          | MATERIAL      |
|----|------------------------------|---------------|
| 1  | CUERPO / BODY                | CF8M          |
| 2  | CIERRE / DISC                | CF8M          |
| 3  | HUSILLO / STEM               | 316           |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE |
| 5  | PRENSA / GLAND               | CF8M          |
| 6  | TAPA / BONNET                | CF8M          |
| 7  | TUERCA / NUT                 | BRONZE        |
| 8  | VOLANTE / HANDWHEEL          | AL IRON GG25  |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE ASIENTO INCLINADO

- Tapa puente atornillada.
- Husillo y volante ascendentes.
- Cierre en acero inoxidable o PTFE.
- Bridas barrenadas y dimensionadas, s/n DIN serie PN-16 o PN-40.
- Distancia entre caras s/n DIN 3202 F-1.
- Pasos de 15 a 350 mm. PN-16  
15 a 150 mm. PN-40

## GLOBE VALVE "Y-PATTERN"

- Bolted yoke bonnet.
- Rising stem and handwheel.
- Stainless steel or PTFE sealings.
- Flanges drilled and dimensioned, according to DIN PN-16 or PN-40.
- Distance between flanges according to DIN 3202 F-1.
- Sizes from 15 to 350 mm. PN-16  
15 to 150 mm. PN-40

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  | 250  | 300 | 350 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600  | 730  | 850 | 980 |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  | 405  | 460 | 520 |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  | 355  | 410 | 470 |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 20  | 22  | 22  | 24   | 26   | 26  | 26  |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   | 23   | 23  | 23  |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 8   | 8   | 8   | 8   | 8/12 | 8/12 | 12  | 16  |
| G                        | 180 | 180 | 199 | 226 | 253 | 272 | 320 | 339 | 402 | 483 | 543 | 545  | 750  | (1) | (1) |
| J                        | 125 | 125 | 125 | 150 | 160 | 160 | 200 | 200 | 250 | 320 | 380 | 450  | 500  | (1) | (1) |
| Peso (kg)<br>Weight (kg) | 4,5 | 5,5 | 7   | 9   | 11  | 14  | 22  | 24  | 37  | 68  | 85  | 175  | 208  | 290 |     |

\* N° de agujeros / N° of holes

(1) Desmultiplicador / Bevel Gear operator

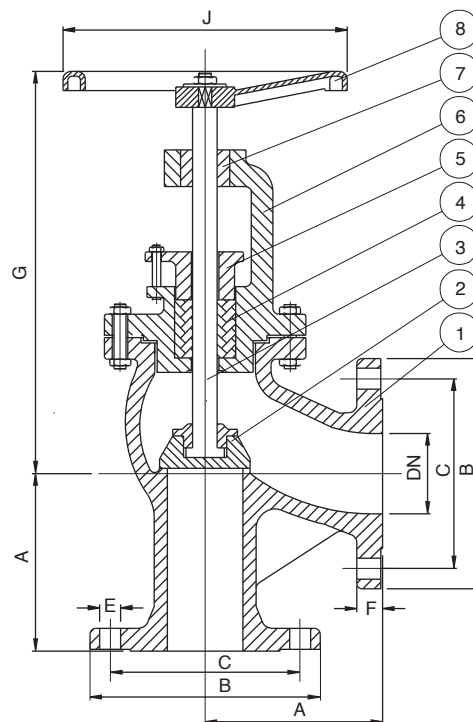


# VÁLVULA DE ASIENTO ANGULAR

## GLOBE VALVE ANGLE TYPE

### DIN STANDARD

Fig. VS 104  
PN-16



| Nº | DENOMINACIÓN / PART          | MATERIAL       |
|----|------------------------------|----------------|
| 1  | CUERPO / BODY                | CF8M           |
| 2  | CIERRE / DISC                | CF8M           |
| 3  | HUSILLO / STEM               | 316            |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE  |
| 5  | PRENSA / GLAND               | CF8M           |
| 6  | TAPA / BONNET                | CF8M           |
| 7  | TUERCA / NUT                 | BRONZE         |
| 8  | VOLANTE / HANDWHEEL          | CAST IRON 6625 |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65   | 80   | 100 |
|--------------------------|-----|-----|-----|-----|-----|-----|------|------|-----|
| A                        | 65  | 75  | 80  | 90  | 100 | 115 | 145  | 155  | 175 |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185  | 200  | 220 |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145  | 160  | 180 |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18   | 20   | 20  |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18   | 18   | 18  |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4    | 8    | 8   |
| G                        | 203 | 215 | 227 | 238 | 251 | 267 | 318  | 346  | 397 |
| J                        | 125 | 125 | 125 | 150 | 160 | 160 | 200  | 200  | 250 |
| Peso (kg)<br>Weight (kg) | 4,5 | 5,5 | 7   | 9   | 12  | 16  | 22,1 | 27,2 | 44  |

\* N° de agujeros / N° of holes

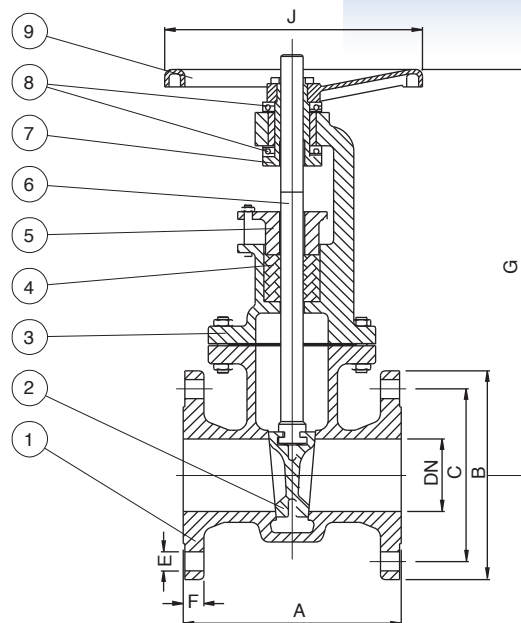


# VÁLVULAS DE COMPUERTA F-4

## GATE VALVE F-4

### DIN STANDARD

Fig. VS 103 F-4  
PN-10/16



| Nº | DENOMINACIÓN / PART          | MATERIAL      |
|----|------------------------------|---------------|
| 1  | CUERPO / BODY                | CF8M          |
| 2  | CUÑA / WEDGE                 | CF8M          |
| 3  | TAPA / COVER                 | CF8M          |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE |
| 5  | PRENSA / GLAND               | CF8M          |
| 6  | HUSILLO / STEM               | 316           |
| 7  | TUERCA / NUT                 | BRONZE        |
| 8  | RODAMIENTOS / BALL BEARING   | STEEL         |
| 9  | VOLANTE / HANDWHEEL          | IRON GG25     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE COMPUERTA

- Tapa puente atornillada.
- Husillo exterior ascendente.
- Volante fijo.
- Cuña sólida.
- Bridas dimensionadas y barrenadas s/n DIN series PN-10 o PN-16.
- Distancia entre caras s/n DIN 3202 F-4.
- Pasos de 40 a 400 mm. PN-16.

## GATE VALVE

- Bolted yoke bonnet.
- Outside rising stem.
- Non rising handwheel.
- Solid wedge.
- Flanges drilled and dimensioned according to DIN PN-10 or PN-16.
- Distance between flanges according to DIN 3202 F-4.
- Sizes from 40 to 400 mm. PN-16.

### CUADRO DE DIMENSIONES NORMAS DIN

#### DIMENSIONS PANEL

| DN                       | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  | 250 | 300   | 350   | 400 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-------|-------|-----|
| A                        | 140 | 150 | 170 | 180 | 190 | 200 | 210 | 230  | 250 | 270   | 290   | 310 |
| B                        | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  | 405 | 460   | 520   | 580 |
| C                        | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  | 355 | 410   | 470   | 525 |
| F                        | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   | 23  | 23    | 25    | 27  |
| E                        | 4   | 4   | 4   | 4/8 | 8   | 8   | 8   | 8/12 | 12  | 12    | 16    | 16  |
| N*                       | 16  | 18  | 18  | 20  | 20  | 22  | 22  | 24   | 26  | 26    | 26    | 26  |
| G                        | 286 | 308 | 370 | 394 | 481 | 539 | 623 | 692  | 753 | 1.120 | 1.200 | (1) |
| J                        | 200 | 200 | 200 | 200 | 250 | 320 | 320 | 360  | 450 | 500   | 500   | (1) |
| Peso (kg)<br>Weight (kg) | 10  | 14  | 27  | 27  | 35  | 52  | 67  | 94   | 135 | 189   | 225   | 292 |

\* N° de agujeros / N° of holes

(1) Desmultiplicador / Bevel Gear operator



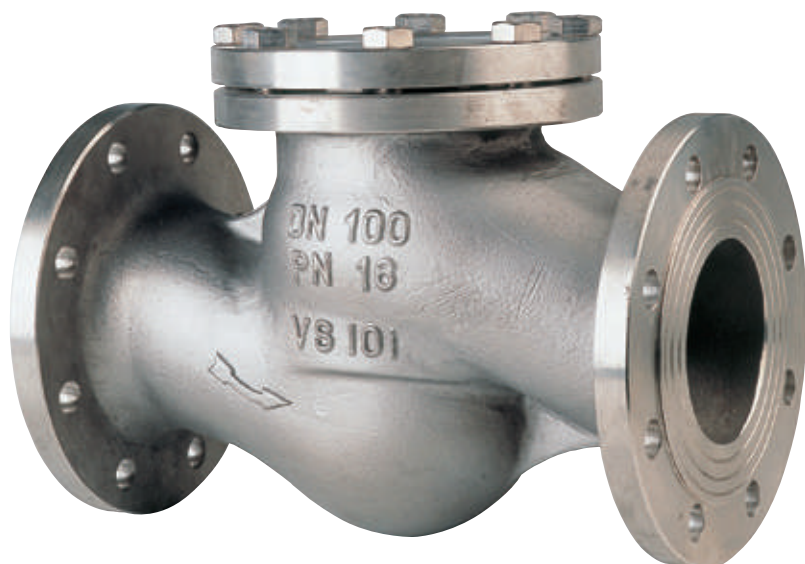


# VÁLVULA DE RETENCIÓN A PISTÓN

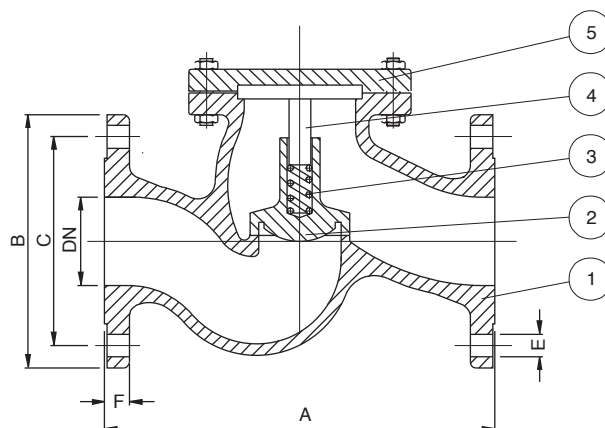
## LIFT CHECK VALVE

### DIN STANDARD

Fig. VS 121  
PN-16/40



PARA MONTAJE HORIZONTAL  
FOR HORIZONTAL ASSEMBLING



| Nº | DENOMINACIÓN / PART | MATERIAL |
|----|---------------------|----------|
| 1  | CUERPO / BODY       | CF8M     |
| 2  | CIERRE / DISC       | CF8M     |
| 3  | MUELLE / SPRING     | 316      |
| 4  | GUÍA / GUIDE        | 316      |
| 5  | TAPA / COVER        | CF8M     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE RETENCIÓN A PISTÓN

- Para posición horizontal.
- Mediante el resorte se consigue cierre más rápido y estanco.
- Bridas dimensionadas y barrenadas s/n DIN series PN-16 o PN-40.
- Distancia entre caras s/n DIN 3202 F-1
- Pasos de 15 a 250 mm. PN-16  
15 a 200 mm. PN-40

## LIFT CHECK VALVE

- For horizontal position.
- With the help of a spring, you get a quicker watertight seal.
- Flanges drilled and dimensioned according to DIN PN-16 or PN-40.
- Distance between flanges according to DIN 3202 F-1.
- Sizes from 15 to 250 mm. PN-16  
15 to 200 mm. PN-40

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  | 250  |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600  | 730  |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  | 405  |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  | 355  |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 20  | 22  | 22  | 24   | 26   |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   | 23   |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4/8 | 8   | 8   | 8   | 8   | 8/12 | 8/12 |
| Peso (kg)<br>Weight (kg) | 4   | 5   | 6   | 8   | 10  | 14  | 17  | 22  | 32  | 51  | 83  | 132  | 205  |

\* N° de agujeros / N° of holes

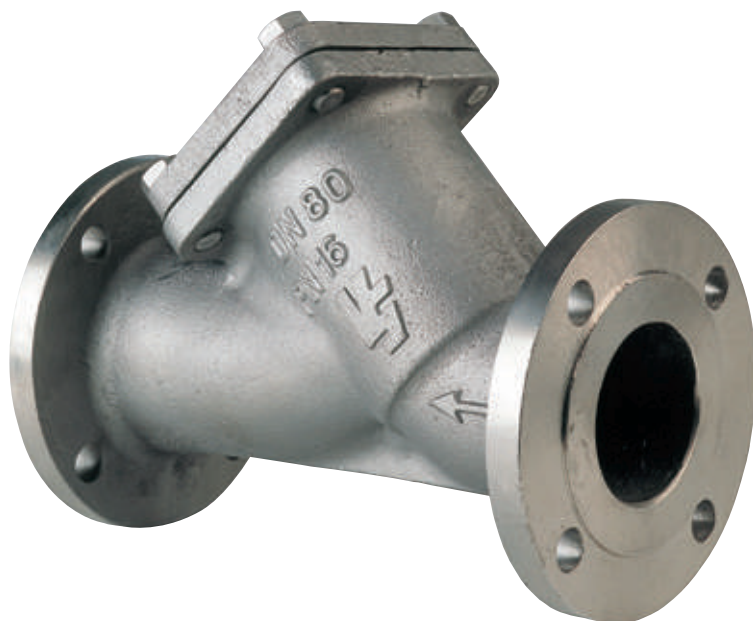


# VÁLVULA DE RETENCIÓN A PISTÓN INCLINADA

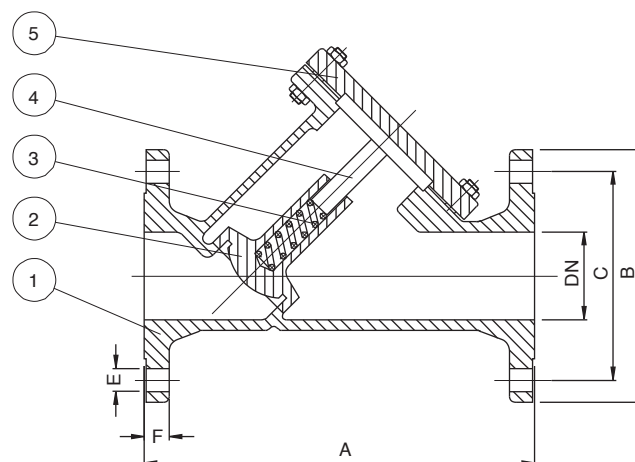
## LIFT CHECK VALVE "Y-PATTERN"

DIN STANDARD

Fig. VS 122  
PN-16/40



PARA MONTAJE HORIZONTAL  
FOR HORIZONTAL ASSEMBLING



| Nº | DENOMINACIÓN / PART | MATERIAL |
|----|---------------------|----------|
| 1  | CUERPO / BODY       | CF8M     |
| 2  | CIERRE / DISC       | CF8M     |
| 3  | MUELLE / SPRING     | 316      |
| 4  | GUÍA / GUIDE        | 316      |
| 5  | TAPA / COVER        | CF8M     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE RETENCIÓN A PISTÓN INCLINADA

- Se puede colocar en posición horizontal o vertical.
- Mediante resorte se consigue cierre más rápido y estanco.
- Bridas dimensionadas y barrenadas s/n DIN series PN-16 o PN-40.
- Distancia entre caras s/n DIN 3202 F-1.
- Pasos de 15 a 300 mm. PN-16  
15 a 150 mm. PN-40

## LIFT CHECK VALVE "Y-PATTERN"

- It can be placed horizontally or upright.
- With the help of a spring, you get a quicker watertight seal.
- Flanges drilled and dimensioned according to DIN PN-16 or PN-40.
- Distance between flanges according to DIN 3202 F-1.
- Sizes from 15 to 300 mm. PN-16  
15 to 150 mm. PN-40

### CUADRO DE DIMENSIONES NORMAS DIN

#### DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  | 250  | 300 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600  | 730  | 850 |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  | 405  | 460 |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  | 355  | 410 |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 20  | 22  | 22  | 24   | 26   | 26  |
| E                        | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   | 23   | 23  |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4/8 | 8   | 8   | 8   | 8   | 8/12 | 8/12 | 12  |
| Peso (kg)<br>Weight (kg) | 4   | 5   | 6   | 8   | 10  | 14  | 17  | 22  | 32  | 51  | 83  | 132  | 205  | 272 |

\* N° de agujeros / N° of holes



# VÁLVULA DE RETENCIÓN CLAPETA

## SWING CHECK VALVE

DIN STANDARD

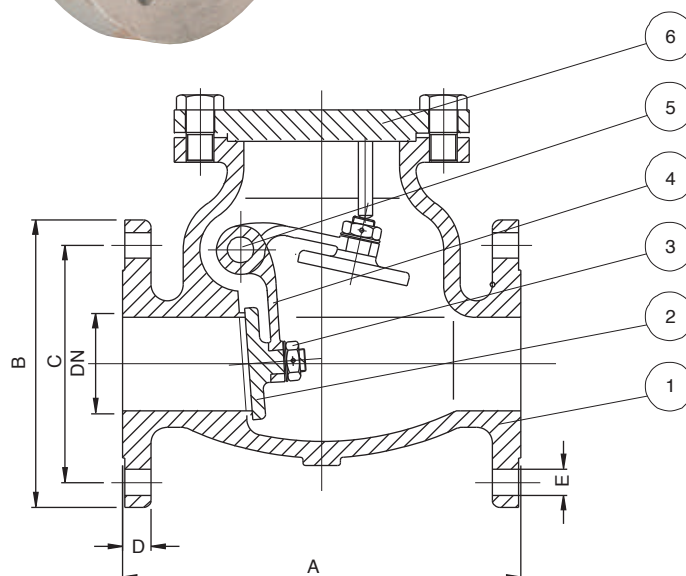
Fig. VS 123  
PN-16



PARA MONTAJE HORIZONTAL O VERTICAL  
FOR HORIZONTAL OR VERTICAL ASSEMBLING

| Nº | DENOMINACIÓN / PART | MATERIAL |
|----|---------------------|----------|
| 1  | CUERPO / BODY       | CF8M     |
| 2  | CIERRE / DISC       | CF8M     |
| 3  | TUERCA / NUT        | 316      |
| 4  | BIELA / ARM         | CF8M     |
| 5  | EJE / HINGE         | CF8M     |
| 6  | TAPA / COVER        | CF8M     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request



| CUADRO DE DIMENSIONES NORMAS DIN |     |     |     |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| DIMENSIONS PANEL                 |     |     |     |     |     |     |     |
| DN                               | 40  | 50  | 65  | 80  | 100 | 150 | 200 |
| A                                | 180 | 200 | 240 | 260 | 300 | 355 | 500 |
| B                                | 150 | 165 | 185 | 200 | 220 | 285 | 340 |
| C                                | 110 | 125 | 145 | 160 | 18  | 240 | 295 |
| D                                | 18  | 18  | 20  | 20  | 20  | 22  | 24  |
| E                                | 18  | 18  | 18  | 18  | 18  | 23  | 23  |
| N*                               | 4   | 4   | 4   | 8   | 8   | 8   | 12  |

\* N° de agujeros / N° of holes





# VÁLVULA DE MEMBRANA

## DIAPHRAGM VALVE

### DIN STANDARD

FIG. VSK  
PN-10



CONDICIONES DE TRABAJO: *WORK CONDITIONS:*  
 DE 1/2" a 3" PN-10 *FROM 1/2" to 3" PN-10*  
 DE 4" a 6" PN-6 *FROM 4" to 6" PN-6*  
 DE 8" a 12" PN-4 *FROM 8" to 12" PN-4*

Las válvulas de membrana, presentan en términos de resistencia a la corrosión - abrasión, completa estanqueidad y mínimo coste de mantenimiento.

El cierre lo efectúa una membrana contra una superficie de asiento curva, empujada por un compresor de forma especial.

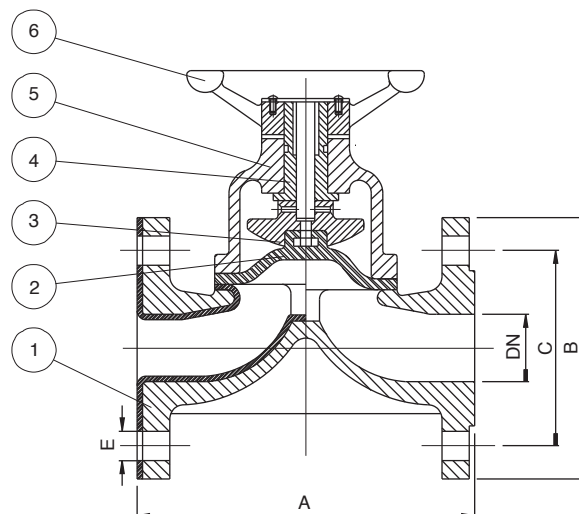
Aunque es de asiento vertical tiene muy poca pérdida de carga por la forma del cuerpo y la curvatura de la membrana.

Amplia selección en los materiales del cuerpo, tanto revestidos como sin revestir, así como diversas calidades de membranas hacen que puedan cumplir un amplio campo de trabajo aún en las condiciones más difíciles.

#### MATERIALES DE CONSTRUCCION

**CUERPO:** Hierro Fundido, Hierro Fundido recubierto de ebonita, Goma, Neopreno, Halar, Acero inoxidable.

**MEMBRANA:** Caucho Natural, Neopreno, EPDM, Butilo, Perbuna, Hypalón, Vitón y Teflón.



| Nº | DENOMINACIÓN / PART  | MATERIAL                   |
|----|----------------------|----------------------------|
| 1  | CUERPO / BODY        | CF8M / IRON 6625           |
| 2  | MEMBRANA / DIAPHRAGM | SEGÚN DEMANDA / BY REQUEST |
| 3  | PISON / DISC         | IRON 6625                  |
| 4  | TUERCA / NUT         | BRONZE                     |
| 5  | TAPA / COVER         | IRON 6625                  |
| 6  | VOLANTE / HANDWHEEL  | IRON 6625                  |

Otros materiales / dimensiones consultar  
 Others materials / dimensions under request

*Advantages of diaphragm valves are: higher resistance to corrosion and abrasion, absolute watertight and a little cost for maintenance.*

*Seal is done by a membrane that's pressed by a special pattern embólus against a curve surface seat.*

*Although it's a vertical seat valve, the lost of pressure is minimum in due to the pattern of body and the membrane's bend.*

*We can provide different materials for the body, covered or not. Different qualities of membranes are the reason that these valves can work even in the most difficult conditions.*

#### MATERIALS:

**BODY:** Cast Iron, Cast iron covered with ebonite, Rubber, Neoprene, Halar, Stainless steel.

**MEMBRANES:** Natural rubber, Neoprene, EPDM, Butile, Perbuna, Hypalon, Viton and PTFE.

#### CUADRO DE DIMENSIONES NORMAS DIN

##### DIMENSIONS PANEL

| DN                       | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A                        | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 | 730 | 850 |
| B                        | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340 | 395 | 445 |
| C                        | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 350 | 400 |
| N*                       | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 8   | 8   | 8   | 8   | 12  | 12  |
| F                        | 14  | 16  | 16  | 16  | 18  | 18  | 20  | 20  | 20  | 22  | 23  | 24  | 24  | 26  |
| Peso (kg)<br>Weight (kg) | 2   | 3   | 4   | 6   | 8   | 12  | 22  | 24  | 36  | 51  | 78  | 158 | 200 | 296 |

\* N° de agujeros / N° of holes

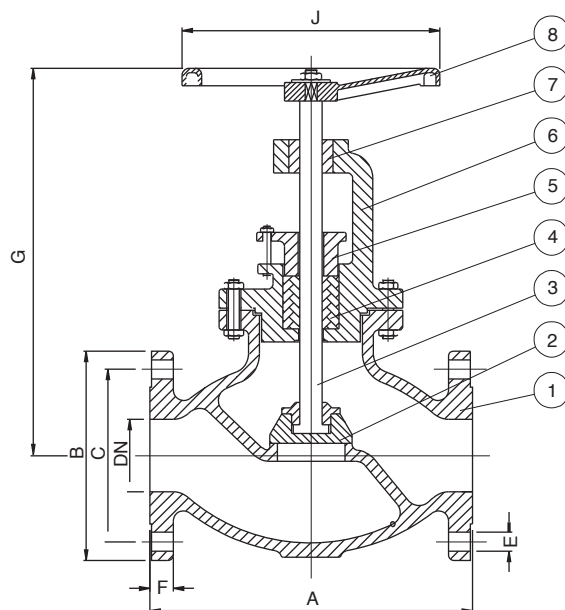


# VÁLVULA DE GLOBO

## GLOBE VALVE

### ANSI STANDARD

Fig. VS 131  
150 Lbs



| Nº | DENOMINACIÓN / PART          | MATERIAL       |
|----|------------------------------|----------------|
| 1  | CUERPO / BODY                | CF8M           |
| 2  | CIERRE / DISC                | CF8M           |
| 3  | HUSILLO / STEM               | 316            |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE  |
| 5  | PRENSA / GLAND               | CF8M           |
| 6  | TAPA / BONNET                | CF8M           |
| 7  | TUERCA / NUT                 | BRONZE         |
| 8  | VOLANTE / HANDWHEEL          | CAST IRON GG25 |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE GLOBO

- Tapa puente atornillada.
- Husillo exterior ascendente.
- Volante ascendente.
- Asientos integrales.
- Obturador esférico o cónico.
- Distancia entre extremos s/ ANSI B.16.5.
- Bridas conexión s/ ANSI B.16.5.

## GLOBE VALVE

- Bolted yoke bonnet.
- Outside rising stem.
- Rising handwheel.
- Integral seats.
- Stopper round or conic.
- Face to face according to ANSI B.16.5.
- Flanged dimensions in accordance with ANSI B.16.5.

### CUADRO DE DIMENSIONES NORMAS DIN

#### DIMENSIONS PANEL

| DN | A     | B   | C   | F    | G   | JØ  | Nº de agujeros<br>Nº of holes | E  |
|----|-------|-----|-----|------|-----|-----|-------------------------------|----|
| 2" | 203,2 | 152 | 121 | 16   | 335 | 200 | 4                             | 20 |
| 3" | 241,3 | 191 | 152 | 19   | 350 | 250 | 4                             | 20 |
| 4" | 292,1 | 229 | 191 | 24   | 405 | 320 | 8                             | 20 |
| 6" | 406,4 | 279 | 241 | 25.4 | 490 | 360 | 8                             | 23 |
| 8" | 495,3 | 343 | 298 | 29   | 590 | 425 | 8                             | 23 |

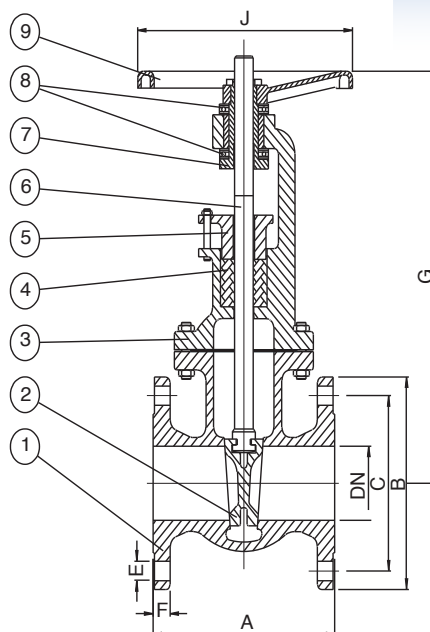
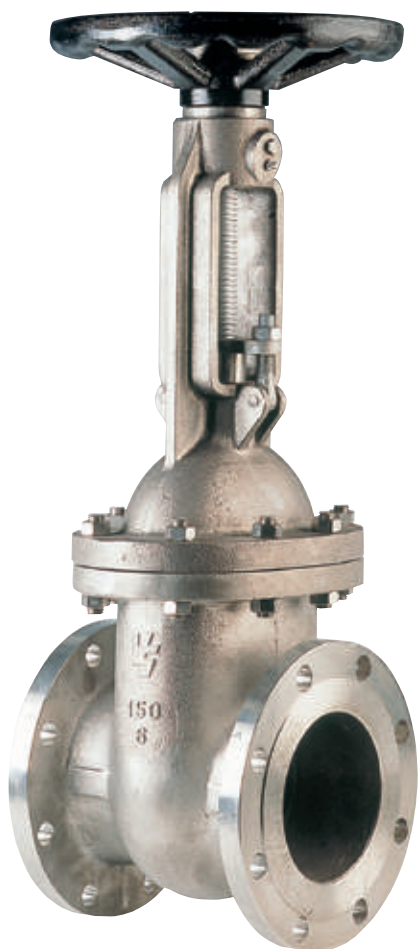


# VÁLVULA DE COMPUERTA

## GATE VALVE

### ANSI STANDARD

Fig. VS 132  
150 Lbs



| Nº | DENOMINACIÓN / PART          | MATERIAL      |
|----|------------------------------|---------------|
| 1  | CUERPO / BODY                | CF8M          |
| 2  | CUÑA / WEDGE                 | CF8M          |
| 3  | TAPA / COVER                 | CF8M          |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE |
| 5  | PRENSA / GLAND               | CF8M          |
| 6  | HUSILLO / STEM               | 316           |
| 7  | TUERCA / NUT                 | BRONZE        |
| 8  | RODAMIENTOS / BALL BEARING   | STEEL         |
| 9  | VOLANTE / HANDWHEEL          | IRON GG25     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE COMPUERTA. ANSI 150

- Tapa puente atornillada
- Husillo exterior ascendente.
- Volante fijo.
- Cuña de doble disco o sólida.
- Bridas dimensionadas y barrenadas s/n ANSI B-16.5.
- Distancia entre caras s/n ANSI B-16.10.
- Pasos de 2" a 12".

## GATE VALVE. ANSI 150

- Bolted yoke bonnet.
- Outside rising stem.
- Non rising handwheel.
- Wedge of double disc or solid.
- Flanges drilled and dimensioned according to ANSI B-16.5.
- Distance between flanges, according ANSI B-16.10.
- Sizes from 2" to 12".

### CUADRO DE DIMENSIONES NORMAS DIN

#### DIMENSIONS PANEL

| PASO / SIZE | A     | B   | C     | F    | G     | JØ  | Nº de agujeros<br>Nº of Holes | E  |
|-------------|-------|-----|-------|------|-------|-----|-------------------------------|----|
| 2"          | 178   | 152 | 120,6 | 16   | 320   | 200 | 4                             | 20 |
| 2 1/2"      | 190,5 | 178 | 139,7 | 17,5 | 335   | 250 | 4                             | 20 |
| 3"          | 203   | 190 | 152   | 19   | 350   | 250 | 4                             | 20 |
| 4"          | 228,6 | 229 | 191   | 24   | 475   | 320 | 8                             | 20 |
| 6"          | 266,7 | 280 | 241   | 25,4 | 650   | 360 | 8                             | 23 |
| 8"          | 292   | 343 | 298   | 29   | 770   | 425 | 8                             | 23 |
| 10"         | 330   | 406 | 362   | 30,5 | 910   | 500 | 12                            | 26 |
| 12"         | 356   | 483 | 432   | 23   | 1.120 | 500 | 12                            | 26 |



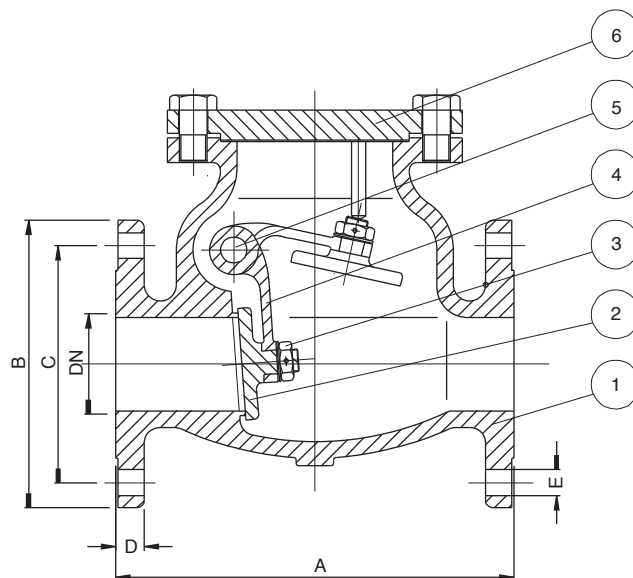


# VÁLVULA DE RETENCIÓN CLAPETA

## SWING CHECK VALVE

ANSI STANDARD

Fig. VS 133  
150 Lbs



| Nº | DENOMINACIÓN / PART | MATERIAL |
|----|---------------------|----------|
| 1  | CUERPO / BODY       | CF8M     |
| 2  | CIERRE / DISC       | CF8M     |
| 3  | TUERCA / NUT        | 316      |
| 4  | BIELA / ARM         | CF8M     |
| 5  | EJE / HINGE         | CF8M     |
| 6  | TAPA / COVER        | CF8M     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

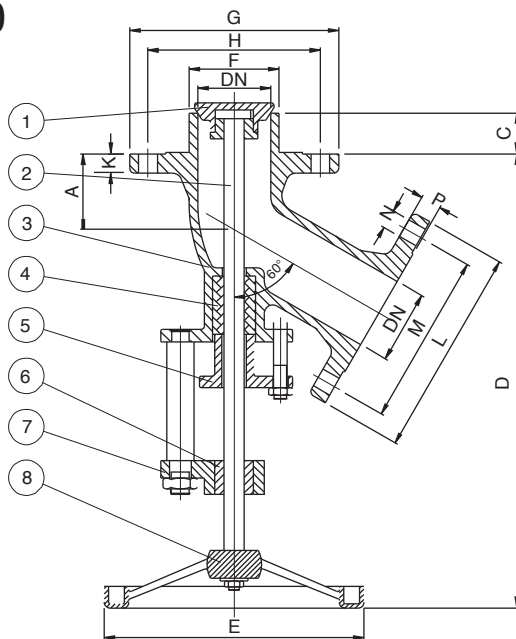
| DN  | A     | B   | C     | D    | E  | Nº de agujeros<br>Nº of Holes | Peso (kg)<br>Weight (kg) |
|-----|-------|-----|-------|------|----|-------------------------------|--------------------------|
| 2"  | 203,2 | 152 | 120,6 | 16   | 20 | 4                             | 13                       |
| 3"  | 241,3 | 191 | 152,4 | 19,5 | 20 | 4                             | 22                       |
| 4"  | 292,1 | 229 | 190,5 | 24   | 20 | 8                             | 42                       |
| 6"  | 355,6 | 279 | 241,3 | 25,5 | 23 | 8                             | 70                       |
| 8"  | 495,3 | 343 | 298,4 | 29   | 23 | 8                             | 110                      |
| 10" | 622,3 | 406 | 361,9 | 30,5 | 26 | 12                            | 204                      |
| 12" | 698,5 | 483 | 431,8 | 32   | 26 | 12                            | 306                      |



# VÁLVULA DE FONDO BOTTOM DRAIN VALVE

DIN - ANSI STANDARD

Fig. VS 106  
PN-10/16



- ESPECIAL PARA DEPOSITOS CON SALIDA EN EL FONDO.
- EL SISTEMA DE APERTURA ASCENDENTE ROMPE LA CAPA SEDIMENTADA O CRISTALIZADA QUE SE HAYA PODIDO FORMAR EN LA PARTE INFERIOR DEL DEPOSITO.
- SPECIAL FOR BOTTOM OUTFLOW TANKS.
- UP TO OPEN SYSTEM BREAKS THE SEDIMENT OR CRYSTALLIZED LAYER ON THE BOTTOM OF THE TANK

| Nº | DENOMINACIÓN / PART          | MATERIAL      |
|----|------------------------------|---------------|
| 1  | CUERPO / BODY                | CF8M          |
| 2  | CIERRE / DISC                | CF8M          |
| 3  | HUSILLO / STEM               | 316           |
| 4  | EMPAQUETADURA / GLANDPACKING | Graphite-PTFE |
| 5  | PRENSA / GLAND               | CF8M          |
| 6  | TUERCA / NUT                 | BRONZE        |
| 7  | PUENTE / YOKE                | CF8M          |
| 8  | VOLANTE / HANDWHEEL          | IRON 6625     |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## VÁLVULA DE FONDO DE CUBA

- Apertura ascendente.
- Este modelo se puede fabricar con accionamiento manual por volante o con actuador neumático de doble o simple efecto.
- Bajo demanda se fabrica con recubrimiento de ebonita para el transporte de ácido clorhídrico.
- Pasos de 25 a 200 mm.

## BOTTOM DRAIN VALVE

- Up to open.
- This model can be manufactured, with manual action by handwheel, or by double or simple effect pneumatic actuator.
- By request, it can be made also with ebonite coating, for the transport of hydrochloric acid.
- Sizes from 25 to 200 mm.

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

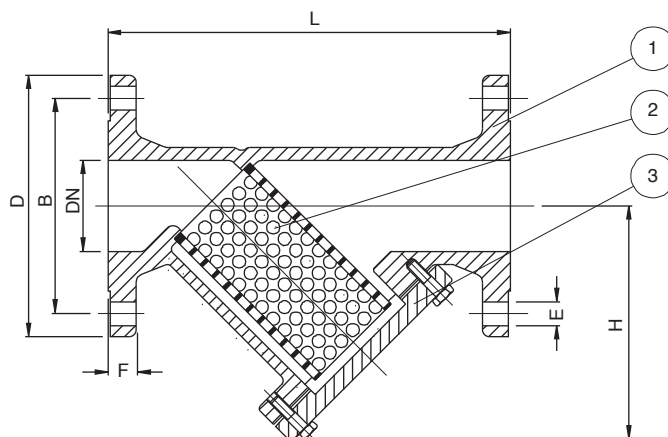
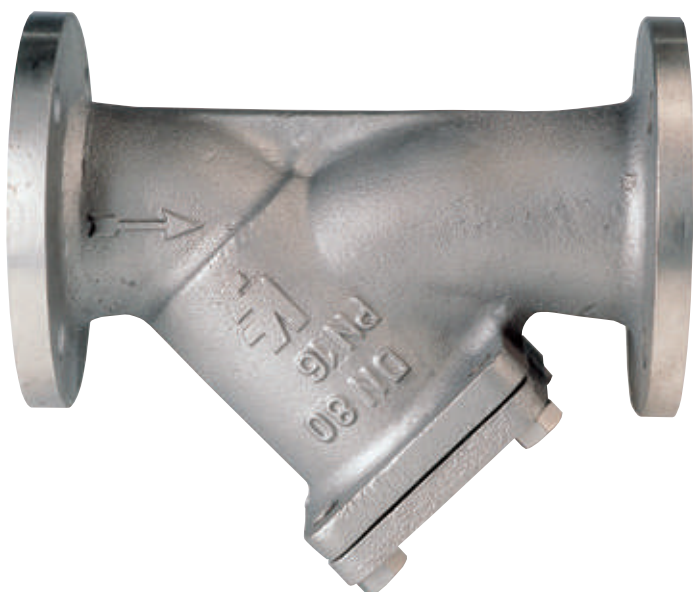
| DN  | A  | B   | C  | D   | E   | F   | G   | H   | I  | J | K  | L   | M   | N  | O* | P  | Kg |
|-----|----|-----|----|-----|-----|-----|-----|-----|----|---|----|-----|-----|----|----|----|----|
| 25  | 35 | 100 | 40 | 200 | 120 | 49  | 150 | 110 | 18 | 4 | 15 | 115 | 85  | 15 | 4  | 14 | 6  |
| 32  | 40 | 100 | 45 | 200 | 120 | 52  | 165 | 125 | 18 | 4 | 17 | 140 | 100 | 18 | 4  | 15 | 7  |
| 40  | 40 | 120 | 45 | 220 | 160 | 55  | 165 | 125 | 18 | 4 | 17 | 150 | 110 | 18 | 4  | 15 | 8  |
| 50  | 50 | 140 | 50 | 260 | 160 | 70  | 185 | 145 | 18 | 4 | 17 | 165 | 125 | 18 | 4  | 17 | 11 |
| 65  | 55 | 140 | 50 | 320 | 200 | 89  | 200 | 160 | 18 | 4 | 18 | 185 | 145 | 18 | 4  | 17 | 15 |
| 80  | 60 | 150 | 55 | 375 | 200 | 100 | 220 | 180 | 18 | 8 | 18 | 200 | 160 | 18 | 4  | 18 | 21 |
| 100 | 60 | 180 | 55 | 400 | 250 | 124 | 250 | 210 | 18 | 8 | 20 | 220 | 180 | 18 | 8  | 18 | 26 |
| 125 | 80 | 190 | 60 | 450 | 250 | 149 | 285 | 240 | 22 | 8 | 20 | 250 | 210 | 18 | 8  | 20 | 38 |
| 150 | 95 | 200 | 60 | 500 | 320 | 174 | 315 | 270 | 22 | 8 | 22 | 285 | 240 | 22 | 8  | 20 | 59 |

\* N° de agujeros / N° of holes



# FILTRO EN "Y" STRAINER IN A "Y-PATTERN" DIN STANDARD

Fig. VS 107  
PN-16/40



- EL PASO DEL TAMIZ STANDAR ES DE 1 MM Ø.
- BAJO DEMANDA PODEMOS MONTAR EL PASO QUE SOLICITEN.
- LAS BRIDAS TAMBIEN SE PUEDEN HACER EN NORMAS ANSI.
- STANDARD DIAMETER OF SIEVE IS 1 MM
- WE CAN ASSEMBLY THE DIAMETER YOU DEMAND.
- FLANGES CAN BE MADE ACCORDING TO ANSI STANDARD.

| Nº | DENOMINACIÓN / PART | MATERIAL   |
|----|---------------------|------------|
| 1  | CUERPO / BODY       | CF8M-SS316 |
| 2  | CESTA / BASKET      | CF8M-SS316 |
| 3  | TAPA / COVER        | CF8M-SS316 |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## FILTRO EN "Y"

- Tapa atornillada.
- Cesta filtrante recambiable.
- Bridas dimensionadas y barrenadas s/n DIN serie PN-16 o PN-40 o ANSI B.16.5.
- Distancia entre caras s/n DIN 3202 F-1
- Bajo demanda se puede fabricar recubierto interiormente de ebonita.
- Pasos de 15 a 300 mm. PN-16  
15 a 150 mm. PN-40

## STRAINER IN A "Y-PATTERN"

- Bolted bonnet.
- Changeable screen.
- Flanges drilled and dimensioned according to PN-16 or PN-40 or ANSI B.16.5.
- Distance between flanges according to DIN 3202 F-1.
- Ebonite coating under request.
- Sizes from 15 to 300 mm. PN-16  
15 to 150 mm. PN-40

CUADRO DE DIMENSIONES NORMAS DIN

DIMENSIONS PANEL

| DN | 15   | 20   | 25  | 32     | 40     | 50  | 65     | 80  | 100 | 125 | 150 | 200 | 250 | 300 |
|----|------|------|-----|--------|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|
|    | 1/2" | 3/4" | 1"  | 1 1/4" | 1 1/2" | 2"  | 2 1/2" | 3"  | 4"  | 5"  | 6"  | 8"  | 10" | 12" |
| L  | 130  | 150  | 160 | 180    | 200    | 230 | 290    | 310 | 350 | 400 | 480 | 600 | 720 | 850 |
| D  | 95   | 105  | 115 | 140    | 150    | 165 | 185    | 200 | 220 | 250 | 285 | 340 | 405 | 460 |
| B  | 65   | 75   | 85  | 100    | 110    | 125 | 145    | 160 | 180 | 210 | 240 | 295 | 355 | 410 |
| F  | 14   | 16   | 16  | 16     | 16     | 18  | 18     | 20  | 20  | 22  | 22  | 24  | 26  | 26  |
| E  | 14   | 14   | 14  | 18     | 18     | 18  | 18     | 18  | 18  | 18  | 23  | 23  | 23  | 23  |
| N* | 4    | 4    | 4   | 4      | 4      | 4   | 4      | 8   | 8   | 8   | 8   | 8   | 8   | 12  |
| H  | 65   | 70   | 80  | 85     | 100    | 120 | 140    | 155 | 180 | 200 | 225 | 250 | 280 | 390 |
| Kg | 3    | 3,5  | 4   | 6      | 8      | 11  | 17     | 19  | 31  | 51  | 76  | 109 | 152 | 224 |

\* N° de agujeros / N° of holes

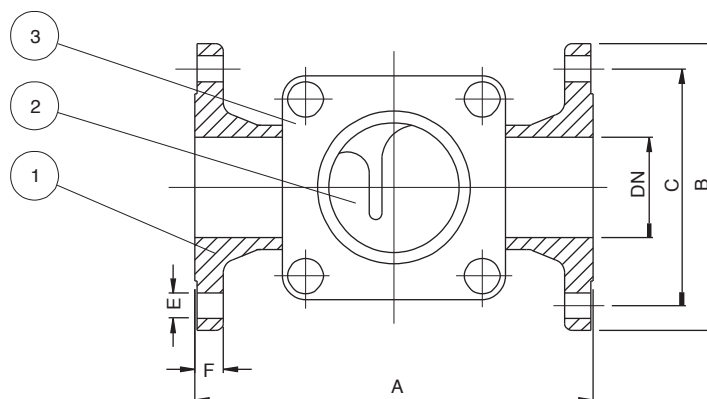


# MIRILLA DE DOBLE VISOR

## DOUBLE SIGHT GLASS

### DIN STANDARD

Fig. VS 114  
PN-10



- BAJO DEMANDA SE PUEDE BARRENAR LAS BRIDAS S/N ANSI STANDARD.
- LOS CRISTALES DE SERIE SON AKLO 250.
- BAJO DEMANDA PODEMOS MONTAR LA CALIDAD QUE NOS SOLICITEN.

- UNDER REQUEST WE CAN DRILL FLANGES ACCORDING ANSI STANDARD.
- GLASSES ARE AKLO 250.
- WE CAN ASSEMBLY THE TYPE OF GLASS YOU DEMAND.

| Nº | DENOMINACIÓN / PART | MATERIAL     |
|----|---------------------|--------------|
| 1  | CUERPO / BODY       | CF8M         |
| 2  | CRISTAL / GLASS     | BOROSILICATE |
| 3  | TAPA / COVER        | CF8M         |

Otros materiales / dimensiones consultar  
Others materials / dimensions under request

## MIRILLAS DE DOBLE VISOR

- Tapas atornilladas.
- Discos en vidrio especiales para cualquier producto o temperatura.
- Bridas dimensionadas y barrenadas s/n DIN PN-10.
- Distancia entre caras s/n DIN 3202 F-1.
- Pasos de 15 a 200 mm.

## SIGHT GLASS WITH DOUBLE GLASS

- Bolted bonnets.
- Special glass for any fluid or temperature.
- Flanges drilled and dimensioned according to DIN PN-10.
- Distance between flanges according DIN 3202 F-1.
- Sizes from 15 to 200 mm.

CUADRO DE DIMENSIONES NORMAS DIN

| DIMENSIONS PANEL |     |     |     |     |     |     |     |     |     |     |     |      |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DN               | 15  | 20  | 25  | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200  |
| A                | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600  |
| B                | 95  | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340  |
| C                | 65  | 75  | 85  | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295  |
| F                | 14  | 16  | 16  | 16  | 18  | 18  | 18  | 20  | 20  | 22  | 22  | 24   |
| E                | 14  | 14  | 14  | 18  | 18  | 18  | 18  | 18  | 18  | 18  | 23  | 23   |
| N*               | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 8   | 8   | 8   | 8   | 8/12 |

\* N° de agujeros / N° of holes





# ACCESORIOS ACCESSORIES

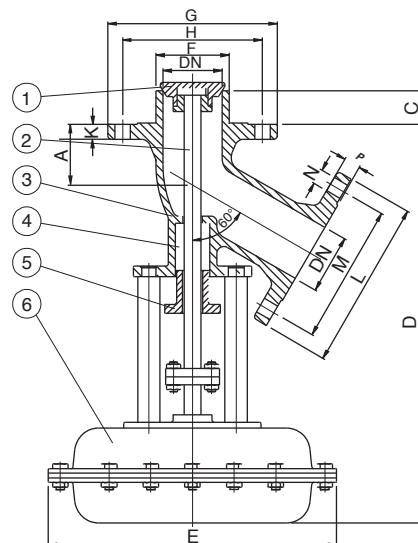
## VÁLVULA CON ACTUADORES / PNEUMATIC OPERATED



VS101 con actuador neumático.  
VS101 with pneumatic actuator.



VS106 con actuador neumático  
y cámara de calefacción.  
VS106 with pneumatic actuator  
and steam jacket.



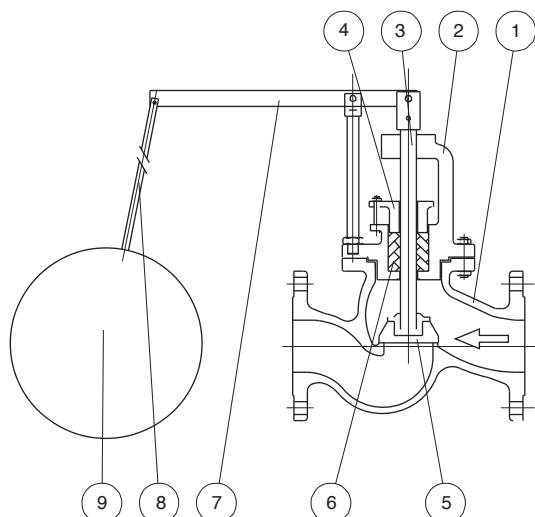
### CUADRO DE DIMENSIONES NORMAS DIN

#### DIMENSIONS PANEL

| DN  | A  | B   | C  | EØ  | FØ max. | GØ  | H   | LØ  | M   | D   | J |
|-----|----|-----|----|-----|---------|-----|-----|-----|-----|-----|---|
| 25  | 35 | 100 | 40 | 216 | 49      | 150 | 110 | 115 | 85  | 470 | 4 |
| 40  | 40 | 120 | 45 | 216 | 55      | 165 | 125 | 150 | 110 | 475 | 4 |
| 50  | 50 | 140 | 50 | 216 | 70      | 185 | 145 | 165 | 125 | 485 | 4 |
| 65  | 55 | 140 | 50 | 216 | 89      | 200 | 160 | 185 | 145 | 500 | 4 |
| 80  | 60 | 150 | 55 | 216 | 100     | 220 | 180 | 200 | 160 | 520 | 8 |
| 100 | 60 | 180 | 55 | 316 | 124     | 250 | 210 | 220 | 180 | 535 | 8 |
| 125 | 80 | 190 | 60 | 316 | 149     | 285 | 240 | 250 | 210 | 580 | 8 |
| 150 | 95 | 200 | 60 | 422 | 174     | 315 | 270 | 285 | 240 | 730 | 8 |

\* N° de agujeros / N° of holes

## VÁLVULA DE ASIENTO CON FLOTADOR / GLOBE VALVE WITH FLOAT



Para valvulas de globo tipos recto y angular.  
For globe valves, straight and angle type.

| Nº | DENOMINACIÓN / PART     | MATERIAL      |
|----|-------------------------|---------------|
| 1  | CUERPO / BODY           | CF8M          |
| 2  | TAPA / BONNET           | CF8M          |
| 3  | HUSILLO / STEM          | 316           |
| 4  | PRENSA / GLAND          | CF8M          |
| 5  | CIERRE / DISC           | CF8M          |
| 6  | EMPAQUETADURA / PACKING | GRAPHITE-PTFE |
| 7  | BRAZO PALANCA / HANDLE  | 316           |
| 8  | BRAZO BOYA / FLOAT ARM  | 316           |
| 9  | BOYA / FLOAT            | P.V.C.        |

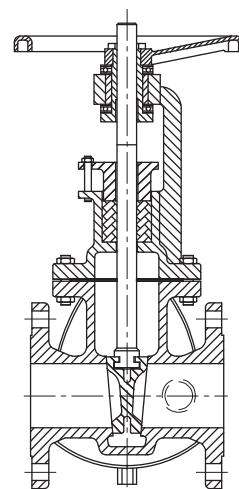
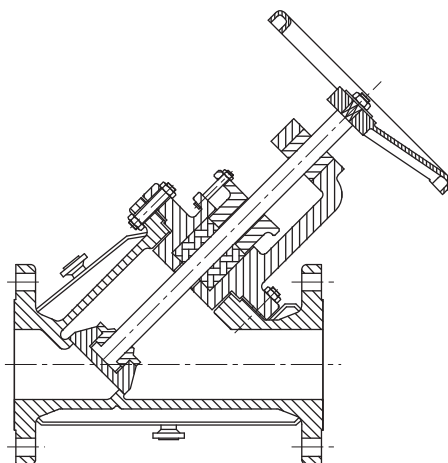
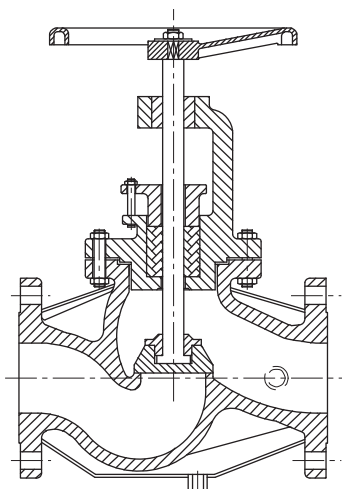
Otros materiales / dimensiones consultar  
Others materials / dimensions under request



# VÁLVULA CON CÁMARA DE CALEFACCIÓN STEAM JACKETED VALVE

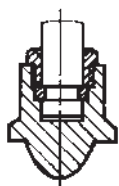
Este sistema es aplicable a cualquier modelo de nuestro fabricados.  
Tanto inclinados como rectos.

*For all types of valves.*



## HUSILLO REGULACIÓN REGULATION STEM STELLITE STELLITED

## CIERRE REGULACIÓN REGULATION DISC



Las válvulas de globo pueden ir provistas de cierre de regulación.

*The globe valves are available also with regulation plug.*

## CIERRE Y RETENCIÓN SDNR

Opcionalmente podemos construir las válvulas de asiento con cierre y retención.

*We can manufacture the valves SDNR.*

## CIERRE DE TEFLÓN PTFE SEALINGS

Además de cierre metal metal, bajo pedido se puede instalar cierre de teflón.

*Besides metal-metal seat, it is possible to install PTFE seat.*

| MATERIALES DE FABRICACIÓN  | MATERIALS                   |
|----------------------------|-----------------------------|
| ACEROS INOXIDABLES         | STAINLESS STEEL             |
| CF8M                       | CF8M                        |
| CF8                        | CF8                         |
| CF3M                       | CF3M                        |
| CF3                        | CF3                         |
| CN7M                       | CN7M                        |
| ETC                        | ETC                         |
| Otras aleaciones consultar | Others alloys under request |



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