

# VÁLVULAS DE RETENCIÓN / CHECK VALVES

## V. RETENCIÓN ASIENTO CON MUELLE, ACERO CARBOBO BRIDAS DIN PN-16/40 LIFT CHECK VALVE WITH SPRING CARBON STEEL FLANGES DIN NP16/40.

**TECFLW®**

**TF-LCV-CS-F**

### UTILIZACIÓN / APPLICATION :

Instalaciones agua, vapor, aceite térmico, HVAC.

Water, steam, thermal fluid, HVAC.

### CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Rango desde DN15 hasta DN400 / Range from ND15 up to ND400.

Instalación en posición horizontal / Installation in horizontal position.

Presión de apertura 0,1 bar / Opening pressure 0,1 bar

Asiento con muelle / seat with spring

### NORMATIVAS / STANDARDS :

Fabricación / Manufacture according to EN 13709

Distancia entre caras / Face to Face : EN 558-1

Montaje entre bridas / Mounting between flanges : PN16/40 EN 1092-1

Pruebas de presión: EN-12266-1 / Pressure Test: EN 12266-1

certificación / marking CE-PED, EN 19

Certificado PED: CE-PED 97/23/EC Cat III mod H / CE certificate

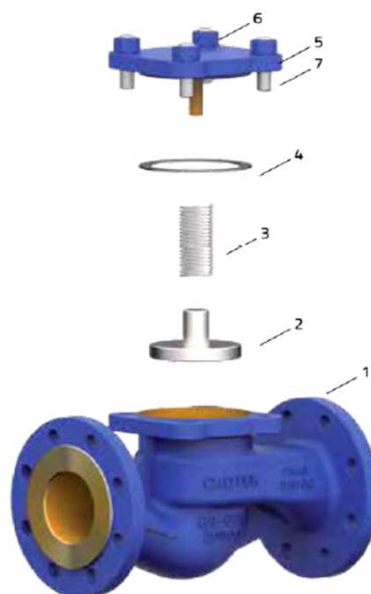
### CONDICIONES DE SERVICIO / WORKING CONDITIONS:

Máxima presión de trabajo / Maximum Working Pressure : 40 bar.

Temperatura de trabajo / Working Temperature : - 29 °C / + 425 °C.

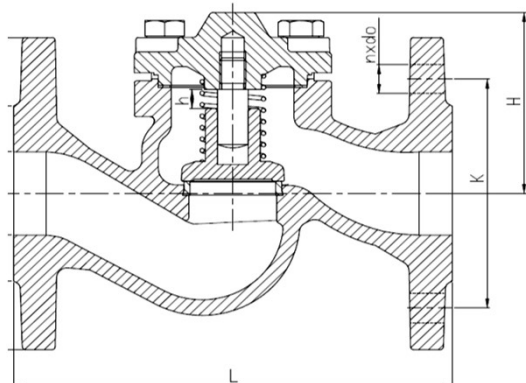
### MATERIALES / CONSTRUCTION :

| No. | Pieza<br>Part        | Material<br>Material            |
|-----|----------------------|---------------------------------|
| 1   | Cuerpo<br>Body       | GS-C25/1.0619                   |
| 2   | Disco<br>Disc        | C22.8+13Cr                      |
| 3   | Muelle<br>Spring     | F304                            |
| 4   | Junta<br>Gasket      | Grafito + CrNi<br>Graphite + SS |
| 5   | Tapa<br>Bonnet       | GS-C25/1.0619                   |
| 6   | Junta<br>Gasket      | Grafito + CrNi<br>Graphite + SS |
| 7   | Tuerca<br>Nuts       | A194 2H                         |
| 8   | Tornillería<br>Bolts | A193 B7                         |



### DIMENSIONES / DIMENSIONS :

| DN<br>ND | L<br>PN-16 | L<br>PN-40 | H   | Peso PN-16<br>Weight | Peso PN-40<br>Weight |
|----------|------------|------------|-----|----------------------|----------------------|
| 15       | 130        | 130        | 60  | 3,4                  | 3,40                 |
| 20       | 150        | 150        | 65  | 3,9                  | 3,90                 |
| 25       | 160        | 160        | 75  | 4,6                  | 4,60                 |
| 32       | 190        | 190        | 78  | 6,4                  | 6,4                  |
| 40       | 200        | 200        | 85  | 8,2                  | 8,20                 |
| 50       | 230        | 230        | 90  | 10,8                 | 10,80                |
| 65       | 290        | 290        | 105 | 16,3                 | 16,90                |
| 80       | 310        | 310        | 125 | 22,5                 | 24,10                |
| 100      | 350        | 350        | 145 | 32                   | 35,00                |
| 125      | 400        | 400        | 173 | 51                   | 55,70                |
| 150      | 480        | 480        | 208 | 74                   | 80,00                |
| 200      | 600        | 600        | 70  | 139                  | 157,50               |
| 250      | 730        | 730        | 460 | 208                  | 240,00               |
| 300      | 850        | 850        | 505 | 308                  | 356,00               |
| 350      | 980        | 980        | 555 | 520                  | 587,00               |
| 400      | 1100       | 1100       | 635 | 820                  | 927,00               |



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