



Uhlíková ocel / Carbon steel  
Nerezová ocel / Stainless steel  
Z15 bez pružinky / Z15 without spring  
Z16 s pružinkou / Z16 with spring

DN15 - 400

#### Použití :

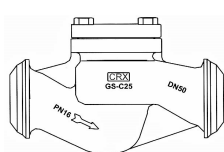
Pro zabránění zpětného toku pracovní látky jako je voda pára a jiné neagresivní kapaliny. V případě nerezového provedení lze ventily použít i pro chemicky agresivní látky. Pracovní látka nesmí obsahovat nečistoty.

#### Application :

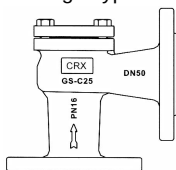
Self-acting valve which prevents reverse flow of the service fluid for use with water, steam and special request also for other nonaggressive liquids. Stainless steel material version can be used for aggressive service fluids. Service fluids can't damage the internal components.

#### Varianty / Design versions :

Privařovací konce  
BW ends



Rohové provedení  
Angle type

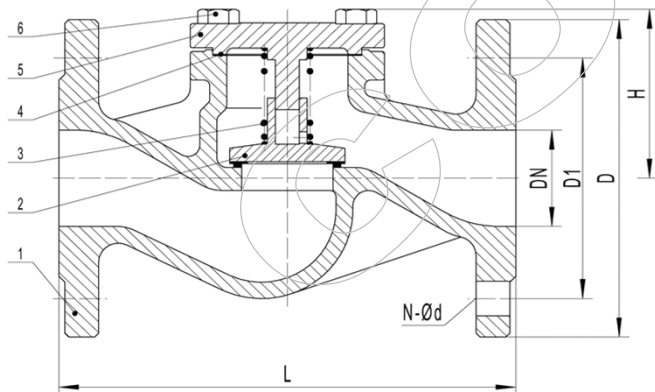


#### Standards / Standards :

**Konstrukce / Design :** DIN 13709, EN 12516  
**Stavební délka / Face to face:** EN 558-1, EN 12952  
**Příruby / flanges :** EN 1092-1  
**Privařovací konce / Welded ends :** EN 12627  
**Tlakové zkoušky / Pressure test :** EN 12266-1  
**CE-mark according PED93/23, category 3**

#### Instalace / installation

Typ Z 15 se instaluje do vodorovné polohy.  
Type Z15 is only for horizontal pipeline  
Typ Z 16 je možné používat ve všech polohách potrubí.  
Type Z16 can be used in horizontal and vertical pipeline.



#### Tabulka materiálů / Materials specification

| pos. | Popis / Description | Materiál / Material |
|------|---------------------|---------------------|
| 1    | Tělo / Body         | GS-C25 + 13Cr       |
| 2    | Disk / Disc         | C.S + 13Cr          |
| 3    | Pružinka / Spring   | SS                  |
| 4    | Těsnění / Gasket    | SS + graphite       |
| 5    | Víko / Bonnet       | GS-C25              |
| 6    | Šroub / Bolt        | B7                  |

#### Tabulka rozměrů / Table of dimensions

| DN  | L (mm) | D (mm) | D1 (mm) | b (mm) | n-Ø   | Weight flanged | Weight BW |
|-----|--------|--------|---------|--------|-------|----------------|-----------|
| 15  | 130    | 95     | 65      | 16     | 4x14  | 3,6            | 2,1       |
| 20  | 150    | 105    | 75      | 18     | 4x14  | 5,2            | 3,8       |
| 25  | 160    | 115    | 85      | 18     | 4x14  | 6,8            | 5,1       |
| 32  | 180    | 140    | 100     | 18     | 4x18  | 8,5            | 5,7       |
| 40  | 200    | 150    | 110     | 18     | 4x18  | 11,7           | 8,4       |
| 50  | 230    | 165    | 125     | 20     | 4x18  | 16             | 11,7      |
| 65  | 290    | 185    | 145     | 22     | 8x18  | 21,8           | 17,7      |
| 80  | 310    | 200    | 160     | 24     | 8x18  | 30,5           | 27        |
| 100 | 350    | 235    | 190     | 24     | 8x22  | 39,5           | 35,9      |
| 125 | 400    | 270    | 220     | 26     | 8x26  | 59             | 53,6      |
| 150 | 480    | 300    | 250     | 48     | 8x26  | 80             | 72        |
| 200 | 600    | 375    | 285     | 34     | 12x30 | 184            | 167       |
| 250 | 730    | 450    | 345     | 38     | 12x33 | 285            | 260       |
| 300 | 850    | 515    | 410     | 42     | 16x33 | 390            | 355       |
| 350 | 980    | 580    | 465     | 46     | 16x36 | 700            | 637       |
| 400 | 1100   | 660    | 535     | 50     | 16x39 | 1125           | 1023      |

#### Tlakoteplotní oblast pro materiály / Pressure - temperature range for material in group 3E0, 5E0, 13E0, 14E0

| Materiál                  | PN    | RT   | Teplota / Temperature |      |      |      |      |      |      |      |      |      |      |
|---------------------------|-------|------|-----------------------|------|------|------|------|------|------|------|------|------|------|
|                           |       |      | 100                   | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 520  | 530  |
| Carbon steel 3E0, 1.0619  | 25/40 | 40   | 37,3                  | 34,7 | 30,2 | 28,4 | 25,8 | 24   | 23,1 |      |      |      |      |
| Alloy steel 5E0, 1.7357/1 |       | 40   | 40                    | 40   | 40   | 39,1 | 36,4 | 33,8 | 32   | 30,2 | 24,4 | 16,7 | 13,5 |
| Stainless steel 1.4404    | 25/40 | 33,8 | 29,3                  | 26,7 | 24,4 | 22,6 | 21,2 | 20,1 | 19,2 | 18,5 | 17,8 |      |      |
| Stainless steel 1.4408    |       | 36,4 | 31,1                  | 28,1 | 25,8 | 24   | 22,6 | 21,3 | 20,4 | 20,1 | 19,6 | 19,2 | 18,7 |