



### Použití / Application

Plnoprůtočná uzavírací armatura pro teplou a studenou vodu, páru, neagresivní kapaliny páry. Teplotní rozsah použití -27°C +230°C  
Full bore isolated valve for water, hot water, nonaggressive liquids, steams and oils  
Temperature range of use -27°C +230°C

### Ovládání / Operating:

- ruční pákou / hand lever
- převodovka s ručním kolem / gearbox with hand wheel
- elektrický servopohon / electric actuator
- pneumatický pohon / pneumatic actuator

### Tělo / Body

Type K85.1 CRX 111 516 litá uhlíková ocel, Cast steel 1.0619 , ASTM A 216 WCB.

### Applicable standards:

Basis design : EN12516  
Flanged : EN1092-2  
Face to Face : DIN 3202/ EN558-1  
Valve test and inspect EN 12266-1

### Performance / Parametry

Nominal Pressure PN16  
Strenght Test 2,4 MPa  
Sealing test 1.76 MPa  
Air sealing Test 0,6 MPa  
Temp. -27 +230°C

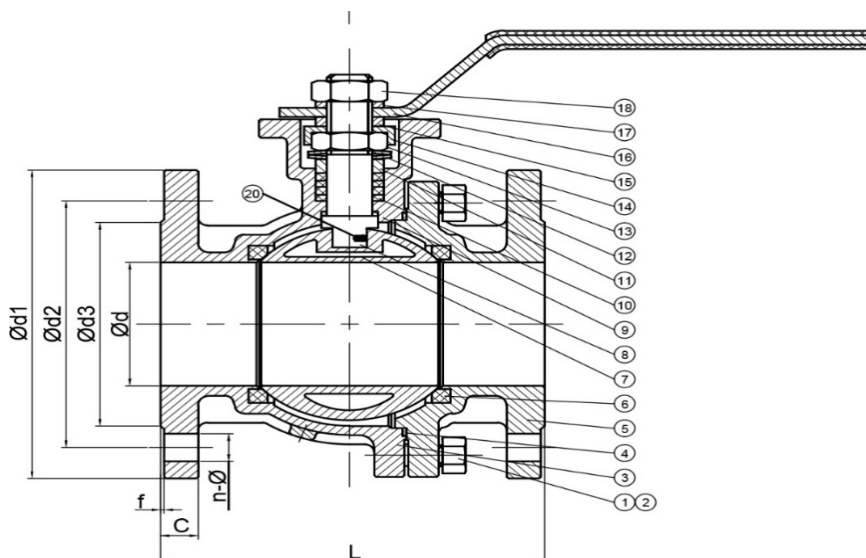
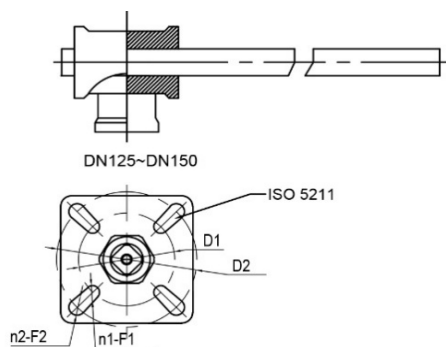
### Technická specifikace / Technical spec.

DIN 3202 Face to face dimensions  
DIN 3357 Dimension of manufacture  
DIN 2533 Valves -Flanged end  
EN 12266-1 Industry valve test standard

|                                             |    |     |     |     |     |
|---------------------------------------------|----|-----|-----|-----|-----|
| <b>Pracovní teplota / Working temp °C</b>   | 80 | 120 | 180 | 210 | 230 |
| <b>Pracovní tlak / Working pressure bar</b> | 16 | 16  | 13  | 12  | 10  |

### Tabulka materiálů / Table of materials

|                                   |             |
|-----------------------------------|-------------|
| 1. Podložka / Stud                | A2-70       |
| 2. Těsnění / Gasket               | SS304       |
| 3. Tělo / Body                    | A 216 WCB   |
| 5. Víko / Bonnet                  | A 216 WCB   |
| 6. Sedlový kroužek / Seat ring    | PPL         |
| 7. Koule / Ball                   | SS304       |
| 8. Vřeteno / Stem                 | SS304       |
| 9. Ucpávka vřetena / Stem packing | PPL         |
| 10. Ovládací páka / Hand lever    | SS201 + PVC |



### Tabulka rozměrů / Table of dimensions

| DN  | dØ  | Ød1 | Ød2 | Ød3 | L   | C  | f | n-Ø  | ØD1 | n1-F1 | ISO 5211 | ØD2 | n2-F2 | ISO 5211 |
|-----|-----|-----|-----|-----|-----|----|---|------|-----|-------|----------|-----|-------|----------|
| 15  | 15  | 95  | 65  | 45  | 115 | 16 | 2 | 4-14 | 36  | 4-6   | F03      | 50  | 4-7   | F05      |
| 20  | 20  | 105 | 75  | 58  | 120 | 16 | 2 | 4-14 | 36  | 4-6   | F03      | 50  | 4-7   | F05      |
| 25  | 25  | 115 | 85  | 68  | 125 | 16 | 2 | 4-14 | 42  | 4-6   | F04      | 50  | 4-7   | F05      |
| 32  | 32  | 140 | 100 | 78  | 130 | 16 | 2 | 4-18 | 42  | 4-6   | F04      | 50  | 4-7   | F05      |
| 40  | 40  | 150 | 110 | 88  | 140 | 16 | 3 | 4-18 | 50  | 4-7   | F05      | 70  | 4-9   | F07      |
| 50  | 50  | 165 | 125 | 102 | 150 | 18 | 3 | 4-18 | 50  | 4-7   | F05      | 70  | 4-9   | F07      |
| 65  | 65  | 185 | 145 | 122 | 170 | 18 | 3 | 4-18 | 70  | 4-9   | F07      | 102 | 4-11  | F10      |
| 80  | 80  | 200 | 160 | 138 | 180 | 20 | 3 | 8-18 | 70  | 4-9   | F07      | 102 | 4-11  | F10      |
| 100 | 100 | 235 | 180 | 162 | 190 | 20 | 3 | 8-18 | 70  | 4-9   | F07      | 102 | 4-11  | F10      |
| 125 | 125 | 270 | 210 | 188 | 325 | 22 | 3 | 8-18 | 102 | 4-11  | F10      | 125 | 4-13  | F12      |
| 150 | 150 | 200 | 240 | 216 | 350 | 22 | 3 | 8-22 | 102 | 4-11  | F10      | 125 | 4-13  | F12      |