

# Stop valve with flanges AT 1047-



## Product information

High-pressure steel stop valve with flanges, PN160. Used as a shut-off valve for process water, aggressive media, among others. Suitable for industrial applications.

|                      |           |
|----------------------|-----------|
| Dimension range (DN) | 15 - 50   |
| PN                   | 63 - 160  |
| Temperature (°C)     | -10 - 550 |
| Main material        | Steel     |

### Area of use

For applications in industrial installations, hospitals, food and beverages, processing technology, vapour facilities, plant manufacturing. As a shut-off valve for process water, aggressive media, among others.

### Tender text

**PSB.5 Ball valves and needle valves**

### Quality assurance

AFS 2023:5, PED 2014/68/EU

**The product is CE marked**

**Product marking:** Manufacturer, DN, PN, CE, Material and flow direction

### Energy and environment declaration

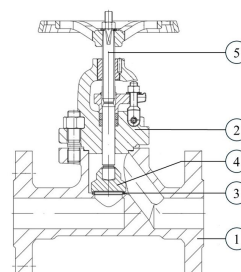
**Subject to notification under REACH:** No

**Reach date:** 12/06/2026

**Reach note:** The product is not covered by REACH

## List of details

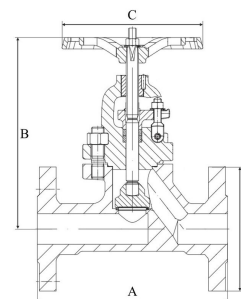
| Pos                                                 | Component | Material                             |
|-----------------------------------------------------|-----------|--------------------------------------|
| 1                                                   | Body      | Steel 13CrMo4-5 (1.7335)             |
| 2                                                   | Bonnet    | Steel 13CrMo4-5 (1.7335)             |
| 3                                                   | Seat      | Steel 13CrMo4-5 (1.7335)             |
| 4                                                   | Globe     | Steel 13CrMo4-5 (1.7335)             |
| 5                                                   | Spindle   | Martensitic stainless steel (1.4122) |
| Stellite-reinforced sealing between seat and globe. |           |                                      |



## Measurements and weight

**Dimension range (DN):** 15 - 50

| DN              | 15  | 20   | 25   | 32  | 40  | 50  |
|-----------------|-----|------|------|-----|-----|-----|
| A               | 210 | 230  | 230  | 260 | 260 | 300 |
| B               | 228 | 228  | 228  | 292 | 292 | 300 |
| C               | 180 | 180  | 180  | 225 | 225 | 225 |
| D               | 105 | 130  | 140  | 155 | 170 | 195 |
| Net weight (kg) | 8.9 | 10.5 | 11.5 | 19  | 21  | 27  |



## Function and design

With rising, externally threaded stem. Metal-sealing with a seat reinforced with Stellite.

Max operational pressure and temperature:

160bar at 250°C  
 139bar at 300°C  
 125bar at 350°C  
 118bar at 400°C  
 112bar at 450°C  
 72bar at 500°C  
 35bar at 530°C

## Technical data

**Main material:** Steel

**Main material code:** Steel 13CrMo4-5 (1.7335)

**Included materials:** Steel, Stainless steel

**Included material code:** Martensitic stainless steel (1.4122), Steel 13CrMo4-5 (1.7335)

**Temperature (°C):** -10 - 550

**PN:** 63 - 160

**Connection:** Flanged EN1092

**ETIM classification:** EC010120 - Globe valve

| DN  | 15  | 20  | 25  | 32   | 40   | 50 |
|-----|-----|-----|-----|------|------|----|
| KVS | 4.2 | 6.4 | 8.6 | 21.8 | 24.2 | 33 |

## Installation and maintenance

**Flowdirection:** Uni-directional

**Possible mounting position:** Vertical, Horizontal

Can be installed with the stem in any direction, but not with downward-facing handwheel. The preferred stem position is vertical. The system should be flushed before commissioning.

The company's management system  
is certified by DNV  
ISO 9001 • ISO 14001

# Get into the flow

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