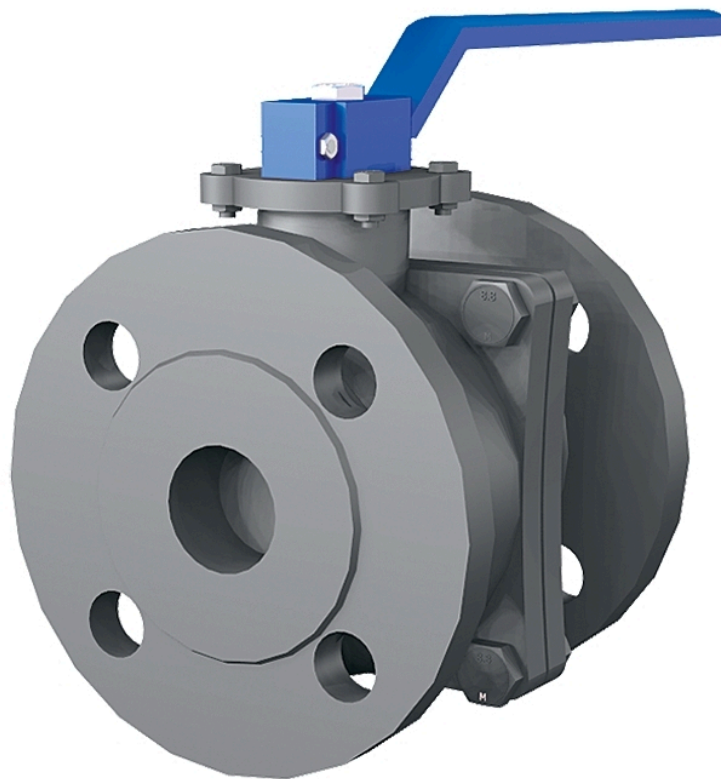


# Ball valve AT 3587-



## Product information

A gate valve made of grey iron with flanges and mounting flanges for actuators. Suitable for automation. Primarily for use with water, compressed air, and non-aggressive gases.



|                             |           |
|-----------------------------|-----------|
| <b>Dimension range (DN)</b> | 15 - 200  |
| <b>PN</b>                   | 16        |
| <b>Temperature (°C)</b>     | -10 - 180 |
| <b>Main material</b>        | Cast iron |

### Area of use

Shut-off valve for the following media:

- Cold and hot water
- Non-aggressive gases
- Compressed air

### Tender text

#### PSB.1 Ball valves

Ball valve AT 3587, DN..., in a two-piece design with full bore, with a housing made of grey iron and seat rings made of PTFE. PN 16.

### Quality assurance

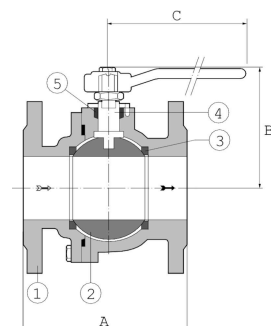
AFS 2023:5

**Product marking:** Brand, DN, PN and material.

### Energy and environment declaration

**SundaHus:** C-

**Pos**                      **Component**                      **Material**



## Measurements and weight

**Dimension range (DN):** 15 - 200

| DN  | A   | B   | C   | D     | Net weight (kg) |
|-----|-----|-----|-----|-------|-----------------|
| 15  | 115 | 108 | 160 | 50    | 2.12            |
| 20  | 120 | 113 | 160 | 55    | 2.72            |
| 25  | 125 | 118 | 160 | 60    | 3.62            |
| 32  | 130 | 130 | 160 | 72    | 5.32            |
| 40  | 140 | 135 | 200 | 77    | 6.9             |
| 50  | 150 | 138 | 200 | 80    | 9               |
| 65  | 170 | 156 | 250 | 98    | 11.68           |
| 80  | 180 | 167 | 250 | 108.5 | 14.68           |
| 100 | 190 | 170 | 320 | 134   | 20.23           |
| 125 | 325 | 195 | 500 | 160   | 33.73           |
| 150 | 350 | 225 | 500 | 190   | 49.77           |
| 200 | 400 | 270 | 500 | 235   | 81.77           |

## Function and design

Two-piece ball valve with full bore. Mounting flange according to ISO 5211 for actuators.

## Technical data

**Main material:** Cast iron

**Main material code:** Cast iron GJL-200 (GG20)

**Included materials:** Cast iron, Stainless steel, Rubber, Other

**Included material code:** Stainless steel AISI 304 (1.4301), Cast iron GJL-200 (GG20), FPM/FKM (fluorine rubber), PTFE (polytetrafluoroethylene)

**Temperature (°C):** -10 - 180

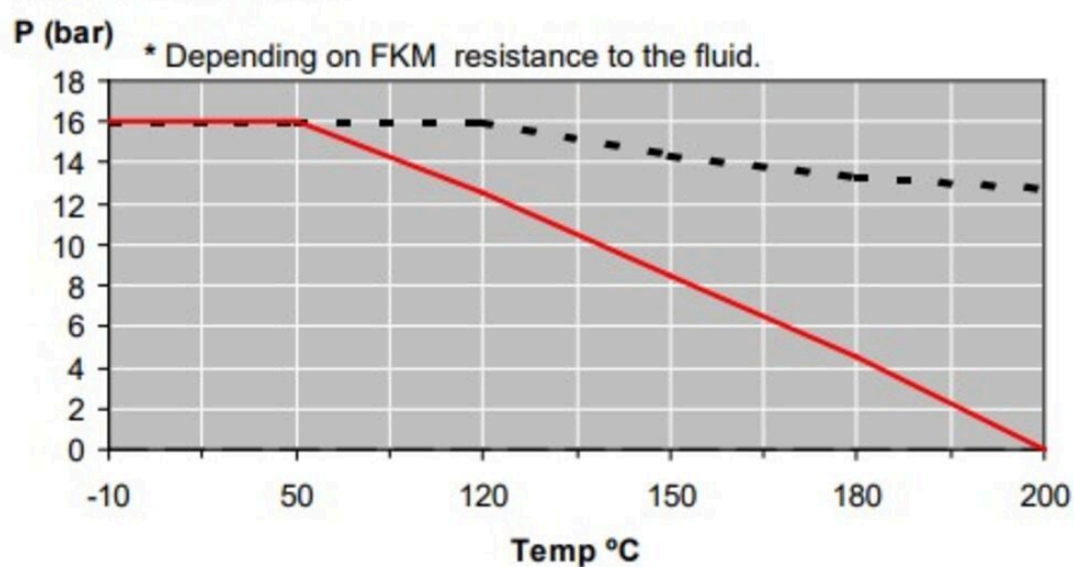
**PN:** 16

**Connection:** Flanged EN1092

**ETIM classification:** EC011343 - Ball valve

**BK04 code:** 20702 Ball valves

### Pressure-Temperature



| Item number | KVS  | Required torque (Nm) | Connection 1 - spec. | Connection 2 - spec. | Stem type | Connection according to ISO 5211 |
|-------------|------|----------------------|----------------------|----------------------|-----------|----------------------------------|
| 3587-15     | 37.4 | 6                    | PN16                 | PN16                 | Flat head | F04                              |
| 3587-20     | 74.8 | 6                    | PN16                 | PN16                 | Flat head | F04                              |
| 3587-25     | 105  | 11                   | PN16                 | PN16                 | Flat head | F04                              |
| 3587-32     | 176  | 12                   | PN16                 | PN16                 | Flat head | F04                              |
| 3587-40     | 223  | 26                   | PN16                 | PN16                 | Flat head | F04                              |
| 3587-50     | 416  | 41                   | PN16                 | PN16                 | Flat head | F04                              |

| Item number | KVS   | Required torque (Nm) | Connection 1 - spec. | Connection 2 - spec. | Stem type | Connection according to ISO 5211 |
|-------------|-------|----------------------|----------------------|----------------------|-----------|----------------------------------|
| 3587-65     | 660   | 41                   | PN16                 | PN16                 | Flat head | F07                              |
| 3587-80     | 1200  | 80                   | PN16                 | PN16                 | Flat head | F07                              |
| 3587-100    | 1980  | 119                  | PN16                 | PN16                 | Flat head | F07                              |
| 3587-125    | 3600  | 190                  | PN16                 | PN16                 | Flat head | F07                              |
| 3587-150    | 5040  | 220                  | PN16                 | PN16                 | Flat head | F10                              |
| 3587V150    | 5040  | 220                  | PN16                 | PN16                 | Flat head | F10                              |
| 3587-200    | 10890 | 450                  | PN16                 | PN16                 | Flat head | F10                              |
| 3587V200    | 10890 | 450                  | PN16                 | PN16                 | Flat head | F10                              |

## Installation and maintenance

**Flowdirection:** Bi-directional

**Possible mounting position:** Vertical, Horizontal

AT 3587 DN 15-200, Flanges according to EN1092-PN 16. The valve should be operated regularly to avoid the accumulation of dirt that can lead to leakage.

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

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