

# Ball valve AT3535A



## Product information

Stainless steel/PTFE full bore ball valve with internal threads. Suitable for mainly acids and salt solutions, solvents, alcohols, and petroleum products.



|                      |                 |
|----------------------|-----------------|
| Dimension range (DN) | 10 - 100        |
| PN                   | 63              |
| Temperature (°C)     | -20 - 200       |
| Main material        | Stainless steel |

### Area of use

Shut-off valve mainly for the following:  
Acids and salt solutions.  
Solvents and alcohols.  
Petroleum products.

### Tender text

#### PSB.1 Ball valves

Ball valve AT 3535A, made of stainless acid-resistant steel, full bore, PN 63, lockable handle.

### Quality assurance

AFS 2023:5, PED 2014/68/EU

Testing is carried out according to ISO 5208. Leakage class A applies to the valve type. Inspection certificate SS-EN 10 204, 2.2 is specified when ordering.

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

### Energy and environment declaration

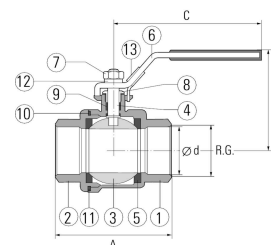
**Product Bvb:** Avoided

**Product BVB ID:** 8326

**SundaHus:** C-

| Pos | Component | Material |
|-----|-----------|----------|
|-----|-----------|----------|

|   |            |                                                        |
|---|------------|--------------------------------------------------------|
| 1 | Valve body | Acid resistant stainless steel AISI 316 (1.4408, CF8M) |
|---|------------|--------------------------------------------------------|



## Measurements and weight

Dimension range (DN): 10 - 100

| DN              | 8     | 10    | 15   | 20   | 25    | 32   | 40   | 50   | 65    | 80   | 100  |
|-----------------|-------|-------|------|------|-------|------|------|------|-------|------|------|
| A               | 50    | 50    | 58   | 65   | 80    | 92   | 105  | 125  | 155.6 | 183  | 240  |
| B               | 48    | 48    | 52   | 61   | 65    | 79   | 83   | 97   | 129   | 138  | 175  |
| C               | 91    | 91    | 103  | 111  | 126   | 154  | 154  | 191  | 244   | 244  | 315  |
| Net weight (kg) | 0.195 | 0.205 | 0.29 | 0.44 | 0.615 | 1.08 | 1.49 | 2.56 | 5.04  | 8.15 | 18.4 |

## Function and design

Two-piece ball valve with full bore and internal pipe thread according to DIN 259/2999, DIN ISO 228 (BSPP). Lockable lever. Blow-out proof spindle construction prevents the spindle from being pushed out during pressure surges.

## Technical data

**Main material:** Stainless steel

**Main material code:** Acid resistant stainless steel AISI 316 (1.4408, CF8M)

**Included materials:** Stainless steel, Other

**Included material code:** Stainless steel AISI 304 (1.4301), Acid resistant stainless steel AISI 316 (1.4401), Acid resistant stainless steel AISI 316 (1.4408, CF8M) , PTFE (polytetrafluoroethylene)

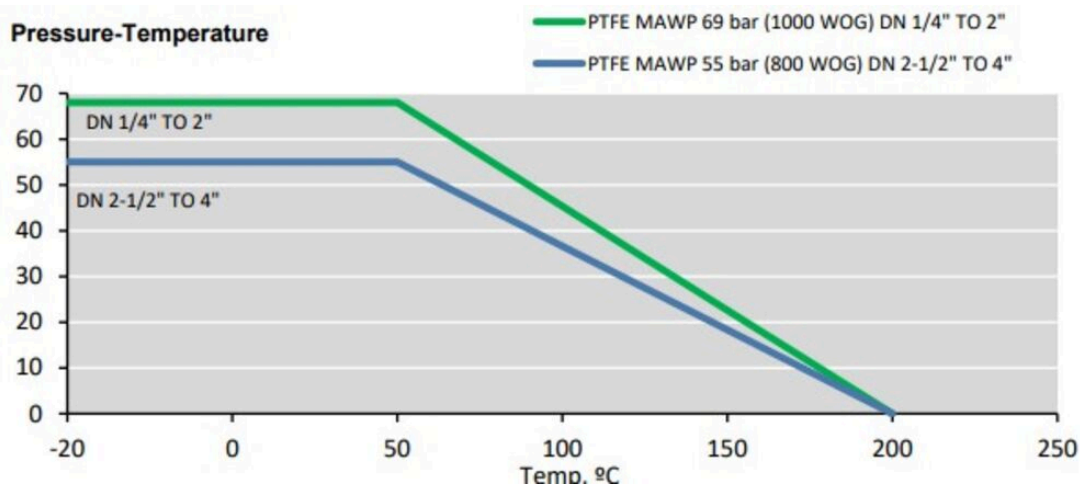
**Temperature (°C):** -20 - 200

**PN:** 63

**Connection:** Internal thread ISO 228-1 (G, BSPP)

**ETIM classification:** EC011343 - Ball valve

**BK04 code:** 20702 Ball valves



| Item number | KVS  | Connection 1 - spec. | Connection 2 - spec. | Manoeuvring    |
|-------------|------|----------------------|----------------------|----------------|
| 3535A8      | 10   | 1/4                  | 1/4                  | Lockable lever |
| 3535A10     | 12   | 3/8                  | 3/8                  | Lockable lever |
| 3535A15     | 38   | 1/2                  | 1/2                  | Lockable lever |
| 3535A20     | 66   | 3/4                  | 3/4                  | Lockable lever |
| 3535A25     | 105  | 1                    | 1                    | Lockable lever |
| 3535A32     | 190  | 1 1/4                | 1 1/4                | Lockable lever |
| 3535A40     | 275  | 1 1/2                | 1 1/2                | Lockable lever |
| 3535A50     | 480  | 2                    | 2                    | Lockable lever |
| 3535A65     | 797  | 2 1/2                | 2 1/2                | Lockable lever |
| 3535A80     | 1210 | 3                    | 3                    | Lockable lever |
| 3535A100    | 1300 | 4                    | 4                    | Lockable lever |

## Installation and maintenance

**Flowdirection:** Bi-directional

**Possible mounting position:** Vertical, Horizontal

The valve has internal pipe threads. For fluid steam, the maximum is 6 bar. The valve should be regularly operated 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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