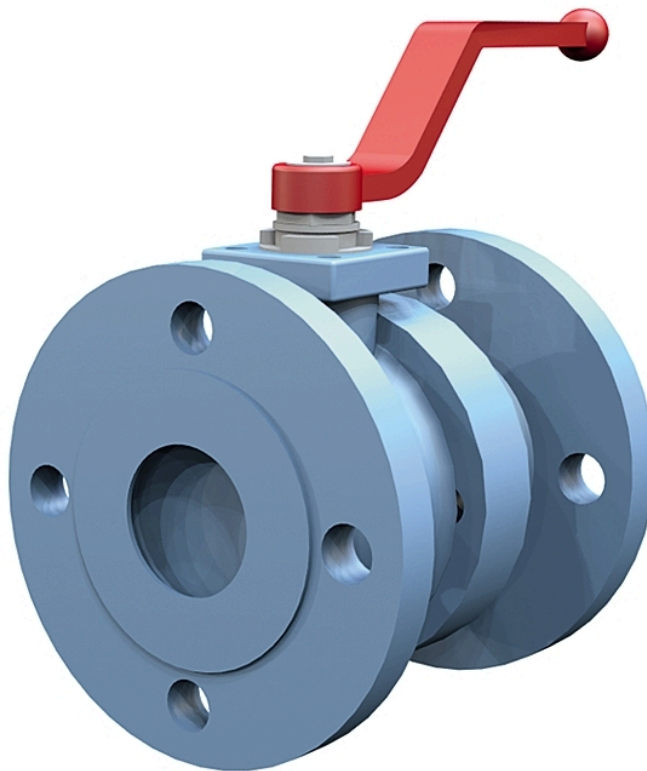


Ball valve AT 3585-



Product information

Steel ball valve with flanges and mounting flange for actuators. Suitable for automation. For mainly acids and salt solutions, gas, steam, hot and cold water.



| | |
|-----------------------------|-----------|
| Dimension range (DN) | 15 - 300 |
| PN | 16 - 40 |
| Temperature (°C) | -29 - 260 |
| Main material | Steel |

Area of use

Shut-off valve with the following division mainly:
 Hot and cold water and compressed air
 Steam
 LPG, natural gas and petroleum products

Tender text

PSB.1 Ball valves

Two-part flanged ball valve in steel AT 3585..., with full bore, flanged connection, and handle made of cast iron.

Quality assurance

AFS 2023:5, PED 2014/68/EU

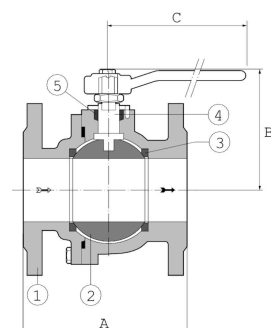
The product is CE marked

Product marking: Brand, DN, PN and material.

Energy and environment declaration

SundaHus: C-

Pos **Component** **Material**



Measurements and weight

Dimension range (DN): 15 - 300

| DN | A | B | C | Net weight (kg) |
|-----|-----|-----|-----|-----------------|
| 15 | 115 | 95 | 160 | 2.9 |
| 20 | 120 | 98 | 160 | 3.7 |
| 25 | 125 | 112 | 160 | 5.1 |
| 32 | 130 | 163 | 213 | 7.1 |
| 40 | 140 | 176 | 213 | 9.1 |
| 50 | 150 | 186 | 213 | 12.1 |
| 65 | 170 | 203 | 300 | 17.8 |
| 80 | 180 | 216 | 300 | 24 |
| 100 | 190 | 215 | 465 | 36.8 |
| 125 | 325 | 240 | 715 | 58 |
| 150 | 350 | 279 | 774 | 86 |
| 200 | 400 | 307 | 845 | 120 |
| 250 | 450 | | | 246 |

Function and design

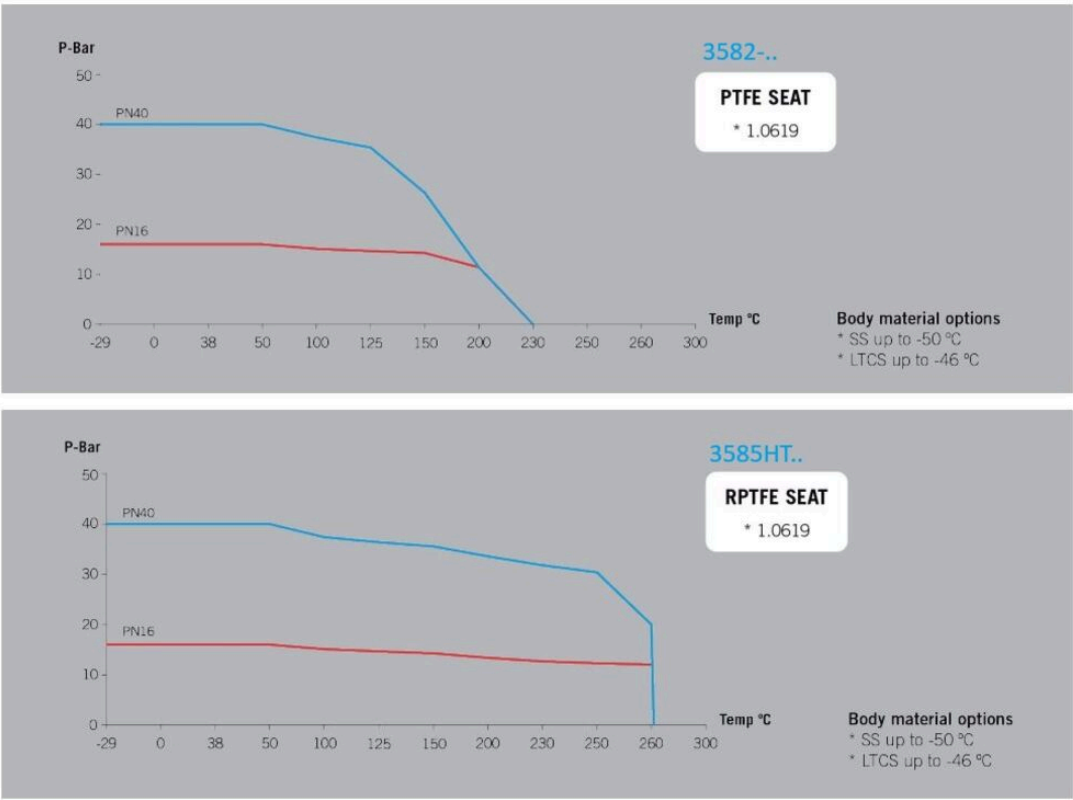
Two-piece ball valve with full bore in firesafe design. Floating homogeneous ball with relief for tight shut-off and low pressure drop. Antistatic designed blow-out proof spindle according to BS 5351 prevents the spindle from

being pushed out during pressure surges. Mounting flange according to ISO 5211 for actuator. Double graded from DN 200.

Technical data

Main material: Steel
Main material code: Steel GP240GH N (1.0619)
Included materials: Steel, Stainless steel, Rubber, Other
Included material code: Acid resistant stainless steel AISI 316 (1.4408, CF8M) , FPM/FKM (fluorine rubber), Glass filled PTFE (25%), Graphite, PTFE (polytetrafluoroethylene), Stainless steel duplex (1.4462), Steel GP240GH N (1.0619)
Temperature (°C): -29 - 260
PN: 16 - 40
Connection: Flanged EN1092
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves

Pressure & tempdiagram, 3582- (PTFE), 3585HT (RPTFE)



| Item number | KVS | Required torque (Nm) | Max torque MAST (Nm) | Connection 1 - spec. | Connection 2 - spec. | Stem type | Connection according to ISO 5211 |
|-------------|-----|----------------------|----------------------|----------------------|----------------------|-----------|----------------------------------|
| 3585HT15 | 20 | 11 | 26 | PN40 | PN40 | Flat head | F05 |

| Item number | KVS | Required torque (Nm) | Max torque MAST (Nm) | Connection 1 - spec. | Connection 2 - spec. | Stem type | Connection according to ISO 5211 |
|-------------|-------|----------------------|----------------------|----------------------|----------------------|-----------|----------------------------------|
| 3585HT20 | 40 | 14 | 26 | PN40 | PN40 | Flat head | F05 |
| 3585HT25 | 75 | 20 | 26 | PN40 | PN40 | Flat head | F05 |
| 3585HT32 | 130 | 25 | 69 | PN40 | PN40 | Flat head | F05 |
| 3585HT40 | 170 | 33 | 85 | PN40 | PN40 | Flat head | F07 |
| 3585HT50 | 270 | 46 | 85 | PN40 | PN40 | Flat head | F07 |
| 3585HT65 | 550 | 66 | 176 | PN40 | PN40 | Flat head | F07 |
| 3585HT80 | 1000 | 116 | 246 | PN40 | PN40 | Flat head | F10 |
| 3585HT100 | 1650 | 171 | 305 | PN40 | PN40 | Flat head | F10 |
| 3585HT125 | 3000 | 283 | 607 | PN40 | PN40 | Flat head | F12 |
| 3585HT150 | 4200 | 463 | 974 | PN40 | PN40 | Flat head | F12 |
| 3585HT200 | 9000 | 694 | 1387 | PN16 | PN16 | Flat head | F14 |
| 3585V200 | 9000 | 694 | | PN16 | PN16 | Flat head | F14 |
| 3585V250 | 15000 | 1100 | | PN16 | PN16 | Flat head | |

Installation and maintenance

Flowdirection: Bi-directional

Possible mounting position: Vertical, Horizontal

3585 DN 15-150 Flanges according to PN40.

3585 DN 200-300 Flanges according to PN16.

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

Get into the flow

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