Ball valve AT 3592A

Product information

Ball valve in flanged design, with the ball's passage restricted by one dimension. Shut-off valve for hot and cold water systems, as well as compressed air and gases. The ball is clamped between two seat rings made of carbon-filled PTFE. All dimensions are equipped with an ISO top.

Dimension range (DN)	10 - 600
PN	25 - 40
Temperature (°C)	-20 - 200
Main material	Steel

Area of use

Shut-off valve for hot and cold water systems as well as compressed air and gases.

Tender text

PSB.1 Ball valves
For DN 10-150 with lever; Ball valve AT 3592S, DN ... Steel body with welded ends, high spindle neck for over-insulation.
For DN 100-600 with gear; Ball valve AT 3592V, DN ... Steel body with welded ends, high spindle neck for over-insulation.

Quality assurance

AFS 2023:5, AFS 2023:5, 8 paragraf
District heating 25 bar:
Valves DN 10 to 40 according to AFS 2016:1 §8. Fluid group 2.
Valves DN 50 to 125 according to AFS 2016:1 category I, CE marked. Fluid group 2.
Valves DN 150 and 200 according to AFS 2016:1, category II, CE marked. Fluid group 2.
Valves DN 250 to 400 according to AFS 2016:1, category III, CE marked. Fluid group 2.
Product marking: AT number, DN, PN, manufacturing batch, and year of manufacture. CE.

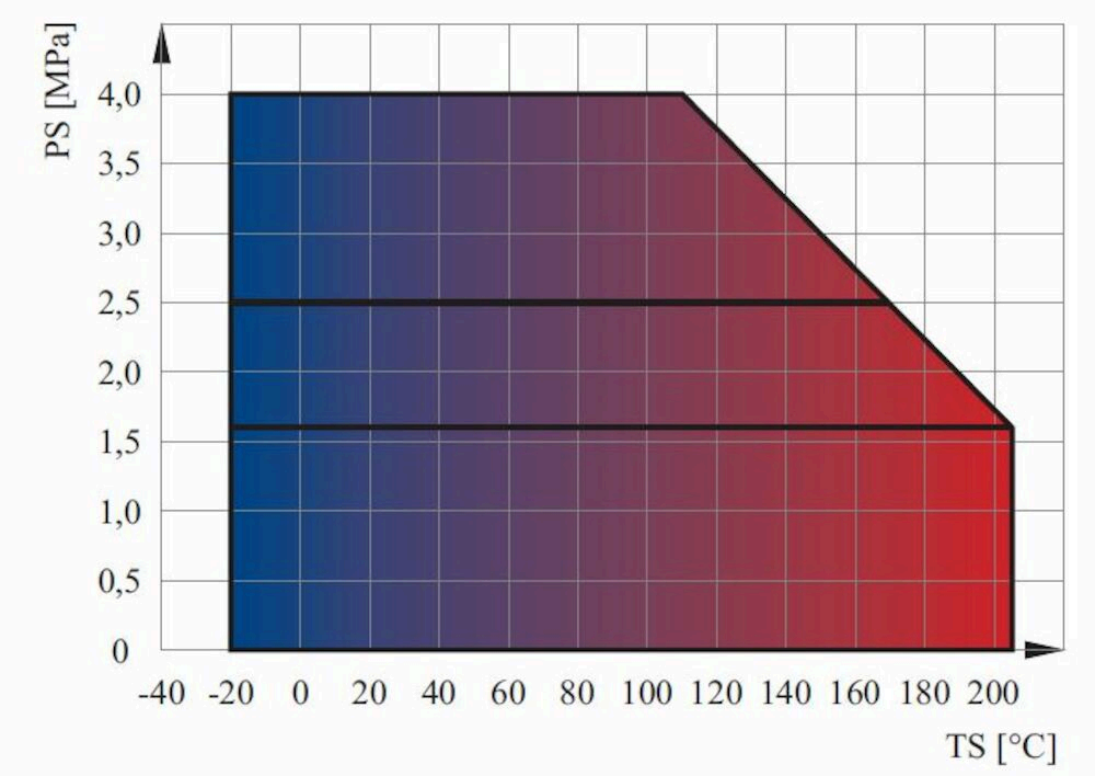
Measurements and weight

Dimension range (DN): 10 - 600

DN	A	B	C	Net weight (kg)
80	280	215		14
100	300	223		22
125	325	252		25
150	350	290		32
200	400	312		56

Function and design

Fully welded pipe construction with welded ends, designed for direct welding into pipe systems. The ball passage is restricted by one dimension. The ball is clamped between two PTFE seat rings. The valve is supplied as standard with an ISO top and a high spindle neck for over-insulation. The upper part of the spindle is always visible and inspectable. From DN300, the ball valve is double-seated (trunnion mount).



Technical data

Main material: Steel
Main material code: Steel P235GH (1.0345)
Included materials: Stainless steel, Steel, Other
Included material code: Stainless steel AISI 304 (1.4301), Steel P235GH (1.0345), PTFE (polytetrafluoroethylene)
Temperature (°C): -20 - 200
PN: 25 - 40

Connection: Flanged EN1092
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves

3592A, Technical data

Item number	PN	KVS	Required torque (Nm)	Stem type	Stem measurments	Connection according to ISO 5211	Connection 1 - spec.	Connection 2 - spec.	Leakagerate
3592S-080	25	282	93	Diagonal square	19x19mm	F10	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592S-100	25	452	173	Diagonal square	19x19mm	F10	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592S-125	25	696	331	Diagonal square	22x22mm	F10	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592V-125	25	696	331	Diagonal square	22x22mm	F10	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592S-150	25	1104	505	Diagonal square	27x27mm	F12	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592V-150	25	1104	505	Diagonal square	27x27mm	F12	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592V-200	25	1521	931	Diagonal square	27x27mm	F12	PN25	PN25	Rate A acc. to EN 12266-1:2012
3592V200PN16	16	1521	931	Diagonal square	27x27mm	F12	PN16	PN16	Rate A acc. to EN 12266-1:2012

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
The ball valve is essentially maintenance-free. However, regular inspection and operational checks should be carried out every 6 months for safe operation and function.

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

Get into the flow

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