Ball valve AT 3533-

Product information

Stainless steel/PTFE ball valve with full bore, internal threads, and mounting flange for actuator. Suitable for automation. Primarily for acids and salt solutions, gas, steam, hot and cold water.

iBVD

Dimension range (DN)	10 - 50
PN	63
Temperature (°C)	-29 - 180
Main material	Stainless steel

Area of use

Used for shutting off most liquids and gases that occur in the process industry.

Tender text

PSB.1 Ball valves
Stainless steel ball valve AT 3533... with full bore, internal thread, and stainless steel lever.

Quality assurance

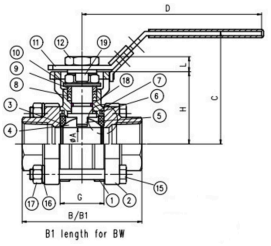
AFS 2023:5, AFS 2023:5, 8 paragraf, PED 2014/68/EU
Product marking: Brand, DN, PN, material code.

Energy and environment declaration

Product BVB ID: 109938
Reach date: 3/3/2026 8:08:00 AM

List of details

Pos	Component	Material
1	Valve body	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
2	Valve caps	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
3	Seat rings	PTFE (polytetrafluoroethylene)
4	Ball	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
5	Stem	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
6	Stem packing	PTFE (polytetrafluoroethylene)
7	Bolts, nuts, washers (9-17)	Stainless steel AISI 304 (1.4301)
8	Lever	Stainless steel AISI 304 (1.4301)



Measurements and weight

Dimension range (DN): 10 - 50

Item number	B	C	D	H	L	Net weight (kg)
3533S10	75	70.9	110	42.3	8	0.6
3533S15	75	70.9	110	42.3	8	0.6
3533S20	80	73.4	110	44.8	8	0.8
3533S25	90	84.1	135	54	10	1.5
3533S32	110	89.3	135	59.2	10	1.9
3533S40	120	109.5	165	73.5	14.8	3
3533S50	140	118.9	165	82.9	14.8	4.5

Function and design

Quality valve, cast in stainless steel with fire-safe design and lockable handle. Three-piece ball valve. Blow-out proof antistatic spindle construction prevents the spindle from being pushed out during pressure surges. Mounting flange according to ISO 5211 for actuators. No valve disassembly required for service and installation of actuators. Valves larger than DN50 have a round valve body/mounting flange.

Technical data

Main material: Stainless steel
Main material code: Acid resistant stainless steel AISI 316 (1.4408, CF8M)
Included materials: Stainless steel, Plastic, Rubber, Other
Included material code: Acid resistant stainless steel AISI 316 (1.4408, CF8M) , Austenitic stainless steel AISI 301 (1.4310), FPM/FKM (fluorine rubber), PTFE (polytetrafluoroethylene), PVC (polyvinyl chloride), Stainless steel AISI 304 (1.4301)

Temperature (°C): -29 - 180
PN: 63
Connection: Internal thread ISO 228-1 (G, BSPP)
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves

3533-, Technical data

Item number	KVS	Execution	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Connection according to ISO 5211	Stem measurments
3533S10		Full bore	Internal thread ISO 228-1 (G, BSPP)	3/8	Internal thread ISO 228-1 (G, BSPP)	3/8	F03/F04	9x9mm
3533S15	36	Full bore	Internal thread ISO 228-1 (G, BSPP)	1/2	Internal thread ISO 228-1 (G, BSPP)	1/2	F03/F04	9x9mm
3533S20	59	Full bore	Internal thread ISO 228-1 (G, BSPP)	3/4	Internal thread ISO 228-1 (G, BSPP)	3/4	F03/F04	9x9mm
3533S25	90	Full bore	Internal thread ISO 228-1 (G, BSPP)	1	Internal thread ISO 228-1 (G, BSPP)	1	F04/F05	11x11mm
3533S32	159	Full bore	Internal thread ISO 228-1 (G, BSPP)	1 1/4	Internal thread ISO 228-1 (G, BSPP)	1 1/4	F04/F05	11x11mm
3533S40	230	Full bore	Internal thread ISO 228-1 (G, BSPP)	1 1/2	Internal thread ISO 228-1 (G, BSPP)	1 1/2	F05/F07	14x14mm
3533S50	418	Full bore	Internal thread ISO 228-1 (G, BSPP)	2	Internal thread ISO 228-1 (G, BSPP)	2	F05/F07	14x14mm

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
For information on assembly and maintenance, please refer to the current user manual. 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

Get into the flow

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