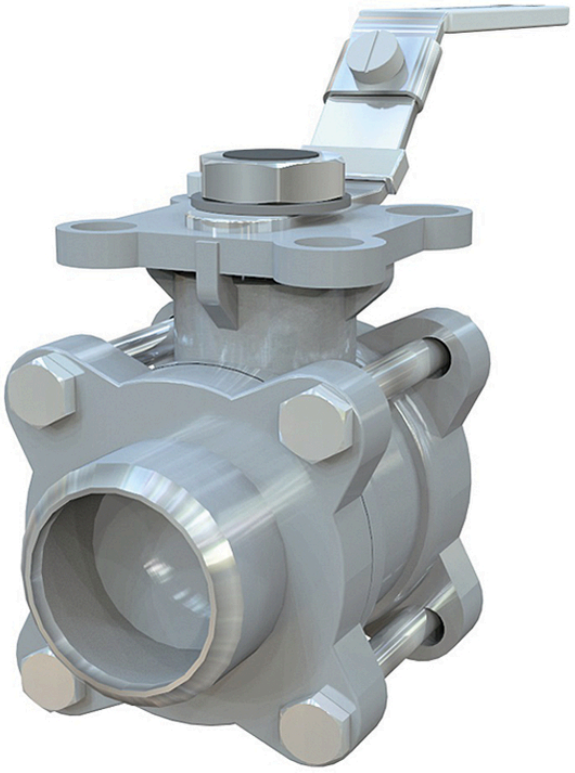
Ball valve AT 3534-



Product information

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

Dimension range (DN)	10 - 100
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 3534... with full bore, welded ends, and stainless steel lever.

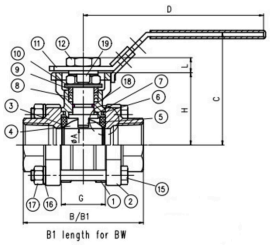
Quality assurance

AFS 2023:5, AFS 2023:5, 8 paragraf, ATEX 94/9/EG, PED 2014/68/EU, SIL3
The product is CE marked
The valves meet the requirements of PED, AFS 2016:1, the directive for pressure-bearing devices, according to category III, fluid group 1 and 2. Dimensions up to DN 25 comply with §8 in PED, AFS 2016:1. ATEX zone 1 and 21 (ATEX 94/9 II GDc IIA & IIB) Design EN12516-1, tested according to EN12266-1, connection according to DIN3239 part 1 and 2, installation dimensions according to DIN3202M3/S13, bolts according to ISO3506.
Product marking: Brand, DN, PN, material code.

Energy and environment declaration

Product BVB ID: 109939
Subject to notification under REACH: No
Reach date: 12/06/2026

Pos	Component	Material
1	Valve body	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
2	Valve ends	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 packings	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 - 100

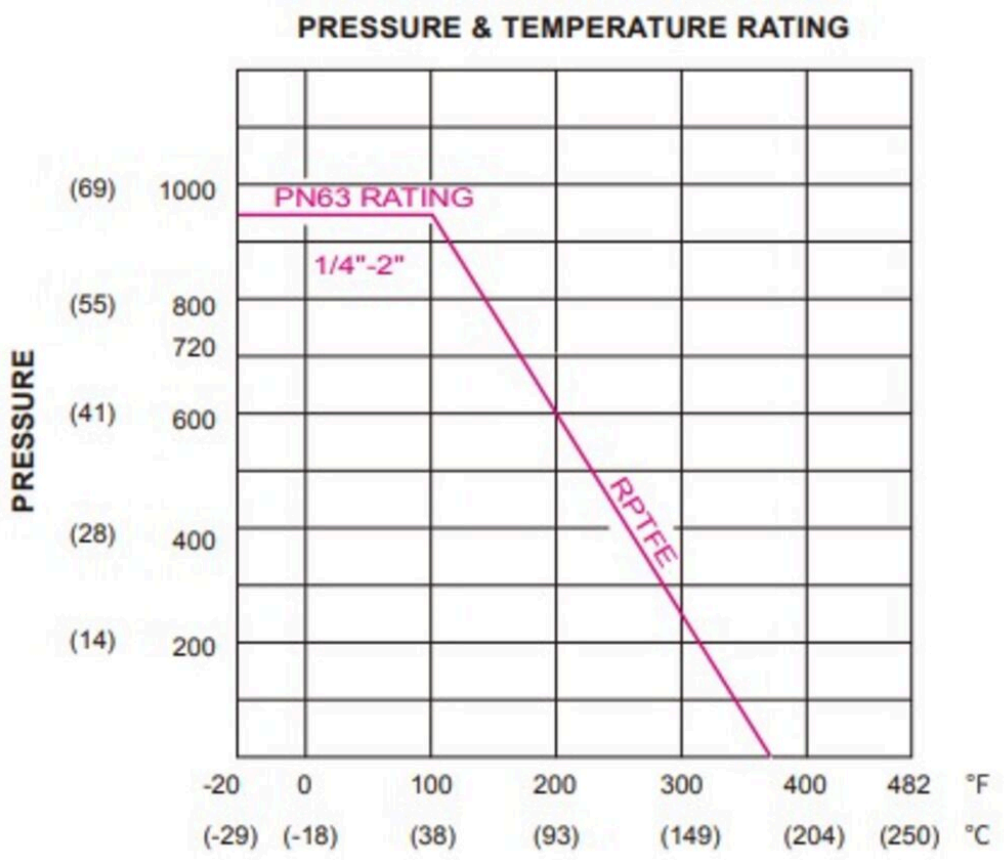
Item number	B1	C	D	H	L	Net weight (kg)
3534S10	75	70.9	110	42.3	8	0.6
3534S15	75	70.9	110	42.3	8	0.6
3534S20	90	73.4	110	44.8	8	0.8
3534S25	100	84.1	135	54	10	1.5
3534S32	110	89.3	165	59.2	10	1.9
3534S40	125	109.5	165	73.5	14.8	3
3534S50	150	118.9	165	82.9	14.8	4.5
3534S65	190	155	300	107	17.1	10
3534S80	220	165	335	117.3	17.1	15
3534S100	270	180	335	132.3	17.1	25

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 circular 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 (1.4401), Acid resistant stainless steel AISI 316 (1.4408, CF8M) , Austenitic stainless steel AISI 301 (1.4310), FPM/FKM (fluorine rubber), PVC (polyvinyl chloride), Stainless steel AISI 304 (1.4301)
Temperature (°C): -29 - 180
PN: 63
ETIM classification: EC011343 - Ball valve
BK04 code: 20702 Ball valves
Comment to colour: Stainless steel



3534-, Technical data

Item number	KVS	Execution	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Connection according to ISO 5211	Stem measurments
3534S10		Full bore	ISO 1127, weld end	DN10-Dy 17,2mm	ISO 1127, weld end	DN10-Dy 17,2mm	F03/F04	9x9mm
3534S15	36	Full bore	ISO 1127, weld end	DN15-Dy 21,3mm	ISO 1127, weld end	DN15-Dy 21,3mm	F03/F04	9x9mm
3534S20	59	Full bore	ISO 1127, weld end	DN20-Dy 26,9mm	ISO 1127, weld end	DN20-Dy 26,9mm	F03/F04	9x9mm
3534S25	90	Full bore	ISO 1127, weld end	DN25-Dy 33,7mm	ISO 1127, weld end	DN25-Dy 33,7mm	F04/F05	11x11mm

Item number	KVS	Execution	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Connection according to ISO 5211	Stem measurments
3534S32	159	Full bore	ISO 1127, weld end	DN32-Dy 42,4mm	ISO 1127, weld end	DN32-Dy 42,4mm	F04/F05	11x11mm
3534S40	230	Full bore	ISO 1127, weld end	DN40-Dy 48,3mm	ISO 1127, weld end	DN40-Dy 48,3mm	F05/F07	14x14mm
3534S50	418	Full bore	ISO 1127, weld end	DN50-Dy 60,3mm	ISO 1127, weld end	DN50-Dy 60,3mm	F05/F07	14x14mm
3534S65	725	Full bore	ISO 1127, weld end	DN65-Dy 76,1mm	ISO 1127, weld end	DN65-Dy 76,1mm	F07/F10	17x17mm
3534S80	1098	Full bore	ISO 1127, weld end	DN80-Dy 88,9mm	ISO 1127, weld end	DN80-Dy 88,9mm	F07/F10	17x17mm
3534S100	1768	Full bore	ISO 1127, weld end	DN100-Dy 114,3mm	ISO 1127, weld end	DN100-Dy 114,3mm	F07/F10	17x17mm

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
No disassembly or gasket replacement in connection with welding. However, the ball should be fully open. 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

Get into the flow with Armatec.

armatec

info@armatec.se | +46 31 89 01 00 | www.armatec.se