



Product information

2-piece ball valve with ISO 5211 mounting flange. Full bore

Dimension range (DN)	8 - 80
PN	63
Temperature (°C)	-29 - 200
Main material	Stainless steel

Area of use

Ball valve with possibility of direct mounting of actuator. Patented stem construction, inspection window for open/close function and stuffing box. Full bore

Quality assurance

The product is CE marked

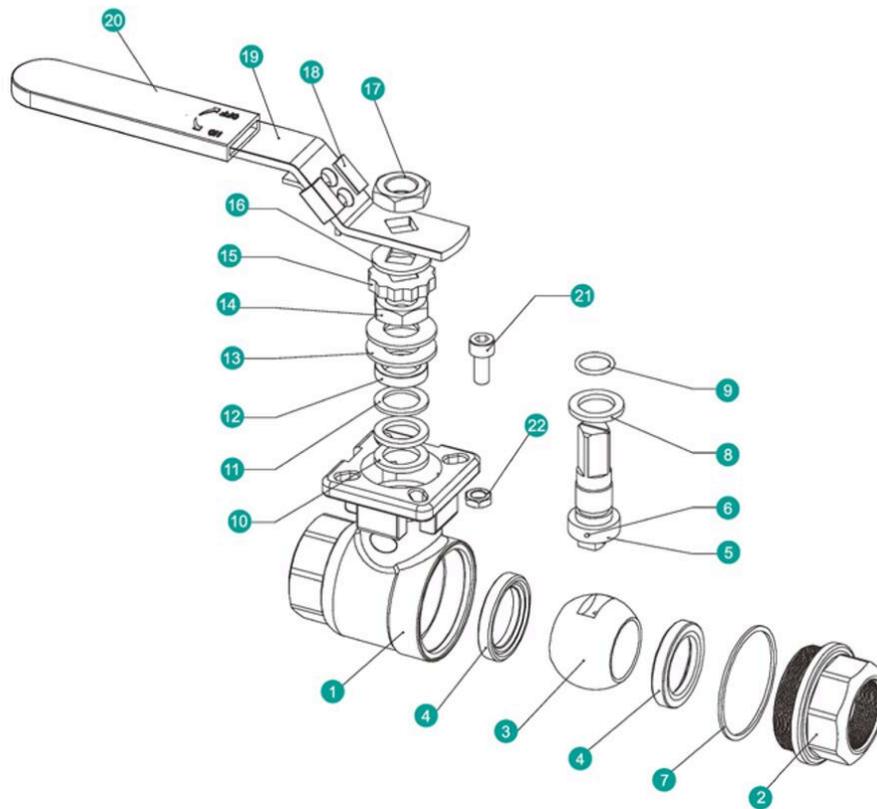
CE marked larger than 1"

Energy and environment declaration

Subject to notification under REACH

Reach date: 7/21/2025 10:21:00 AM

Material description



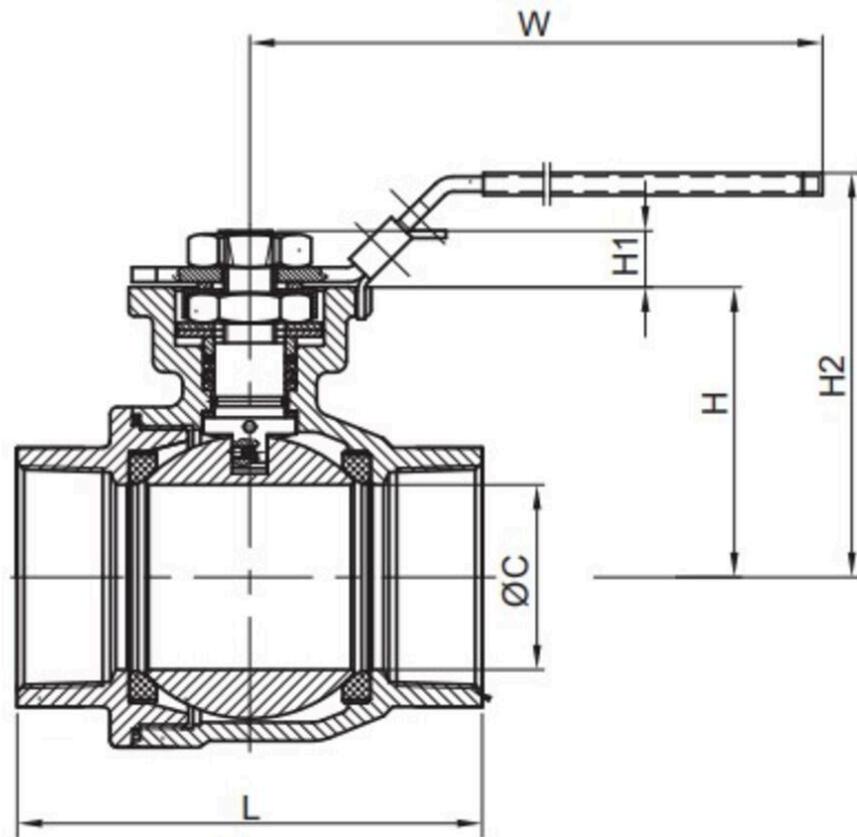
Pos	Component	Material
1	Body	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
2	Connection	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
3	Ball	Acid resistant stainless steel AISI 316 (1.4408, CF8M)
4	Seat	PTFE (polytetrafluoroethylene)
5	Stem	Acid resistant stainless steel AISI 316 (1.4401)
6	Antistatic device	Acid resistant stainless steel AISI 316 (1.4401)
7	Body gasket	PTFE (polytetrafluoroethylene)
8	Stem packing	PTFE (polytetrafluoroethylene)

Pos	Component	Material
9	O-ring	FPM/FKM (fluorine rubber)
10	V-ring	PTFE (polytetrafluoroethylene)
11	V-ring	PTFE (polytetrafluoroethylene)
12	Bushing	Acid resistant stainless steel AISI 316 (1.4401)
13	Belleville Washers	Stainless steel AISI 304 (1.4301)
14	Stem nut	Stainless steel AISI 304 (1.4301)
15	Lock saddle	Stainless steel AISI 304 (1.4301)
16	Washer	Stainless steel AISI 304 (1.4301)
17	Nut	Stainless steel A194-8
18	Locking device	Stainless steel AISI 304 (1.4301)
19	Handle	Stainless steel AISI 304 (1.4301)
20	Sleeve	PVC (polyvinyl chloride)
21	Stop bolt	Stainless steel A2-70
22	Stop Nut	Stainless steel A2-70

Measurements and weight

Dimension range (DN): 8 - 80

Measurement



DN	8	10	15	20	25	32	40	50	65	80
A	67	67	67	70.4	85	94	105	125	155	173
B	73	73	73	79	88	93	103	110	150	156
C	147	147	147	147	177	177	197	197	267	267
H	42.5	42.5	42.5	49	58	62.5	71.5	78.4	100	109
ØC	10.6	12.7	15	20	25	32	38	50	63.5	76
H1	9	9	9	9	11	11	14	14	17	17
Net weight (kg)	0.54	0.55	0.56	0.62	1.08	1.42	2.04	3.27	6.04	9.17

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: Acid resistant stainless steel AISI 316 (1.4408, CF8M) , PTFE (polytetrafluoroethylene)

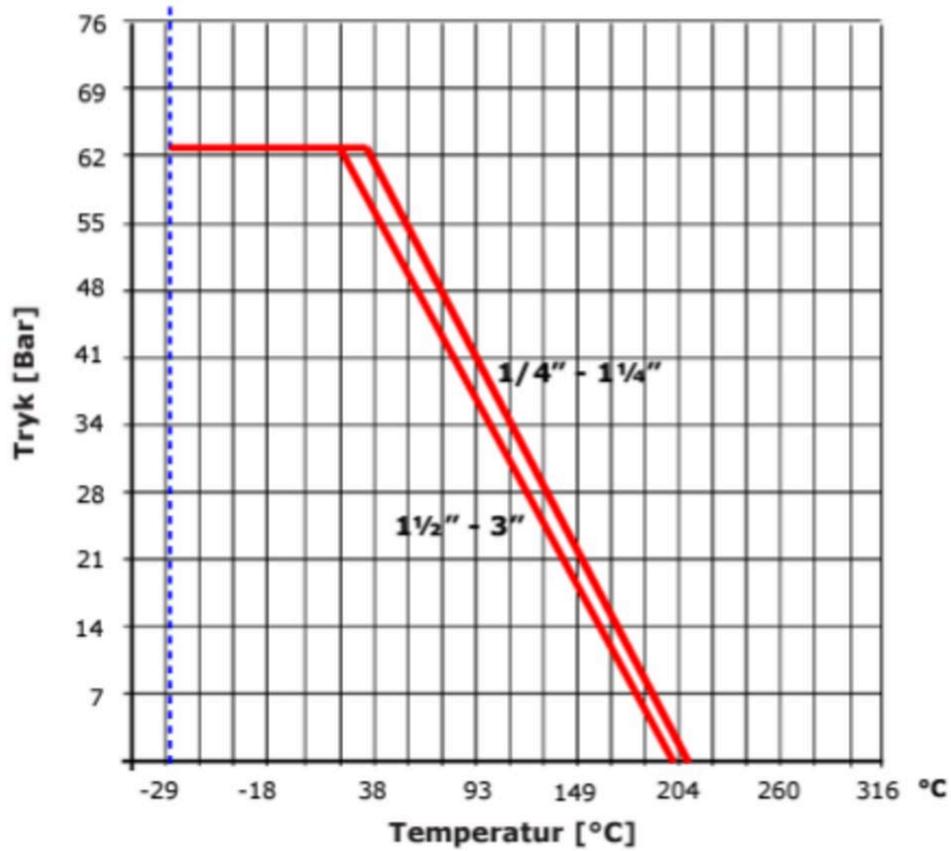
Temperature (°C): -29 - 200

PN: 63

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

ETIM classification: EC011343 - Ball valve

Pressure & temperature diagram



DN	KVS	Max torque MAST (Nm)	Required torque (Nm)
8	11	15	6.5
10	11	15	6.5
15	16	15	6.5
20	31	15	7.8

DN	KVS	Max torque MAST (Nm)	Required torque (Nm)
25	41	36	14.3
32	80	36	24.7
40	142	91	33.8
50	178	91	49.4
65	387	180	76.7
80	671	180	131.3

Torques are incl. 30% safety factor

Installation and maintenance

Flowdirection: Bi-directional

Possible mounting position: Vertical, Horizontal

See installation manual

Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

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THE COMPANY'S MANAGEMENT SYSTEM
IS CERTIFIED BY LLOYD'S REGISTER
ISO 9001