



Know-how makes the difference



Stainless Steel Ball Valves

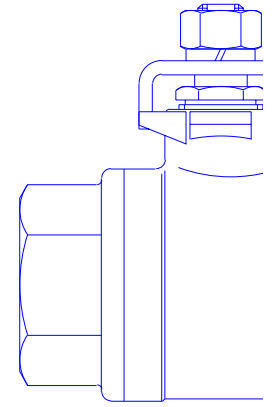


With DVC as your business partner, you are always guaranteed a wide and well sorted product range and a unique technical know-how

Product development is a key factor for DVC, ensuring you the best products at any time



An **ERIKS** Company

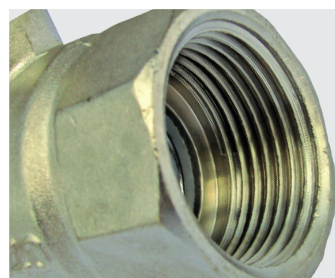
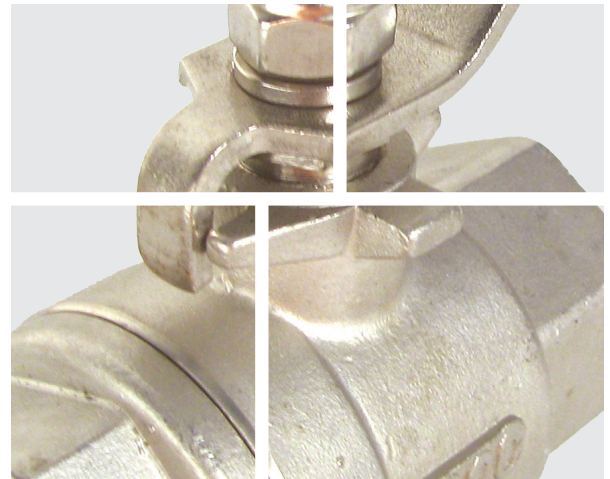


Long Service
Easy to Clean
Stainless Steel
Value for Money
Blow-out Proof Stem
Minimum Drop of Pressure

What is important to you, when you buy Ball Valves? What about: Long service? Easy to clean? Stainless steel? Value for money? Blow-out proof stem? Minimum drop of pressure?

DVC Stainless Steel Ball Valves are characterized by their blow out proof stem and minimum drop of pressure. The Ball Valves are available in a wide range of dimensions at competitive prices.

All these benefits you will get with DVC Stainless Steel Ball Valves. It is your assurance for a prosperous business.



Ball Valve with Stainless Steel Handle
Type 1101
Female / female

Dimension
1/4" to 3" - 69 bar



Benefits

- **Stainless**
Type 1101 is corrosion-resistant, as it is made out of stainless steel CF8M, combined with PTFE seating materials.
- **Easy to clean**
Type 1101 is investment casted, thus having a smooth surface which is very easy to keep clean.
- **Blow-out proof stem**
Type 1101 has a blow-out proof stem, ensuring zero-leakage to the atmosphere, up to nominal pressure.
- **Minimum drop of pressure**
Type 1101 is full bore, thus providing a minimum drop of pressure through the valve.

Ball Valve with Stainless Steel Handle and Locking Device
Type 1101
Female / female

Dimension
1/4" to 3" - 69 bar



Benefits

- **Stainless**
Type 1101 is corrosion-resistant, as it is made out of stainless steel CF8M, combined with PTFE seating materials.
- **Easy to clean**
Type 1101 is investment casted, thus having a smooth surface which is very easy to keep clean.
- **Blow-out proof stem**
Type 1101 has a blow-out proof stem, ensuring zero-leakage to the atmosphere, up to nominal pressure.
- **Minimum drop of pressure**
Type 1101 is full bore, thus providing a minimum drop of pressure through the valve.
- **Locking device**
Type 1101 has a locking device, making it possible to padlock the handle.

Ball Valve with T-handle
Type 1101
Female / female

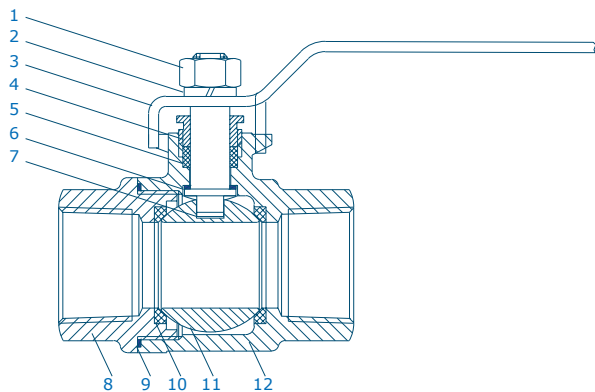
Dimension
1/2" to 1" - 69 bar



Benefits

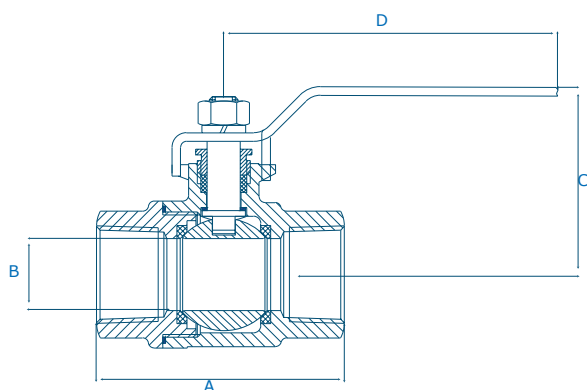
- **Stainless**
Type 1101 is corrosion-resistant, as it is made out of stainless steel CF8M, combined with PTFE seating materials.
- **Easy to clean**
Type 1101 is investment casted, thus having a smooth surface which is very easy to keep clean.
- **Blow-out proof stem**
Type 1101 has a blow-out proof stem, ensuring zero-leakage to the atmosphere, up to nominal pressure.
- **Minimum drop of pressure**
Type 1101 is full bore, thus providing a minimum drop of pressure through the valve.
- **Mounting where space is limited**
Type 1101 can be mounted where space is the limitation, because of its T-handle - which is made of stainless steel.

Structure and material



No.	Description	Material	Standard
1	Nut	Stainless steel	AISI 304
2	Nut washer	Stainless steel	AISI 304
3	Handle	Stainless steel with vinyl	AISI 304
4	Cap nut	Stainless steel	AISI 304
5	Stem packing	PTFE	
6	Thrust washer	PTFE	
7	Stem	Stainless steel	AISI 316
8	Threaded end	Stainless steel	CF8M
9	Body gasket	PTFE	
10	Seat	PTFE	
11	Ball	Stainless steel	CF8M
12	Body	Stainless steel	CF8M

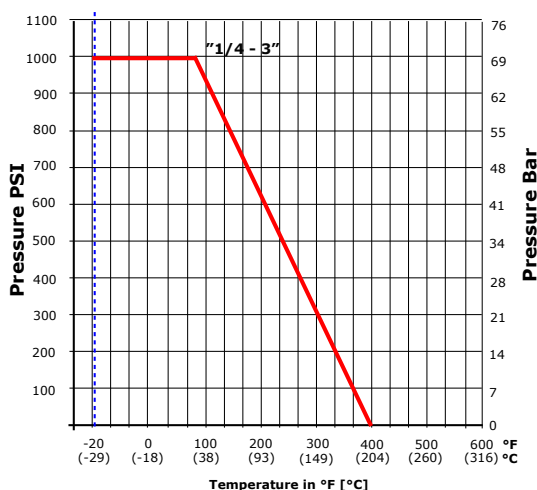
Dimensions (mm) and flow capacities



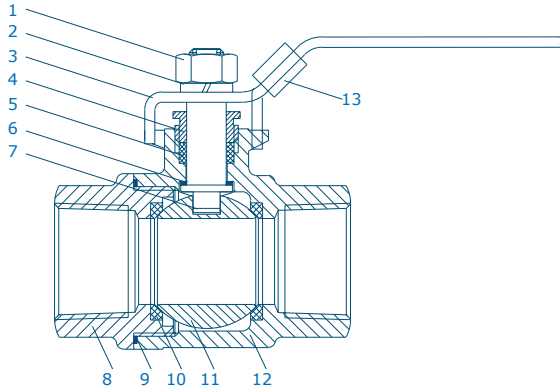
Dimension	A	B	C	D	Weight (kg)	* Kv-value 90°	Packing
1/4"	51	11	45	103	0,25	6	140
3/8"	51	12,5	45	103	0,27	9	140
1/2"	63	15	46	103	0,32	16	120
3/4"	74	20	51	126	0,61	37	70
1"	86	25	65	144	1,01	69	40
1 1/4"	98	32	69	144	1,36	120	25
1 1/2"	106	38	85	189	2,35	198	16
2"	122	50	93	189	4,00	290	10
2 1/2"	160	72	111	234	5,00	340	3
3"	185	85	125	234	7,90	498	3

* Kv-value rated flow coefficients (M3/h at 1 bar DP)

Pressure / temperature

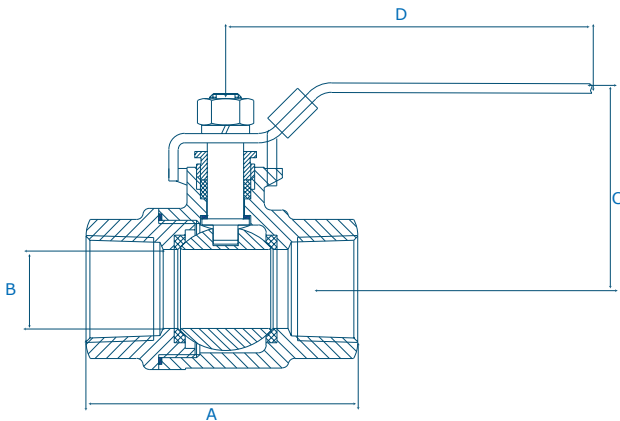


Structure and material



No.	Description	Material	Standard
1	Nut	Stainless steel	AISI 304
2	Nut washer	Stainless steel	AISI 304
3	Handle	Stainless steel with vinyl	AISI 304
4	Cap nut	Stainless steel	AISI 304
5	Stem packing	PTFE	
6	Thrust washer	PTFE	
7	Stem	Stainless steel	AISI 316
8	Threaded end	Stainless steel	CF8M
9	Body gasket	PTFE	
10	Seat	PTFE	
11	Ball	Stainless steel	CF8M
12	Body	Stainless steel	CF8M
13	Locking device	Stainless steel	AISI 304

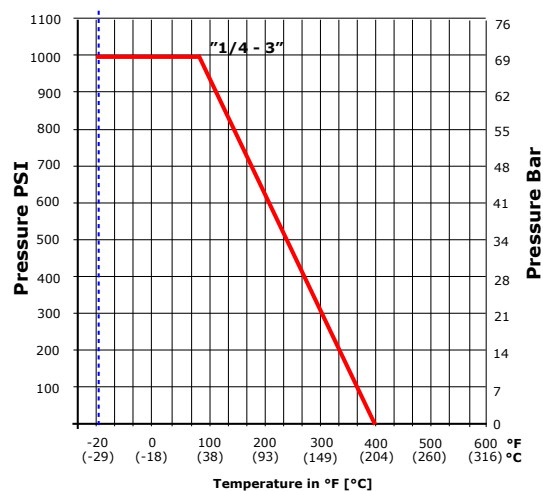
Dimensions (mm) and flow capacities



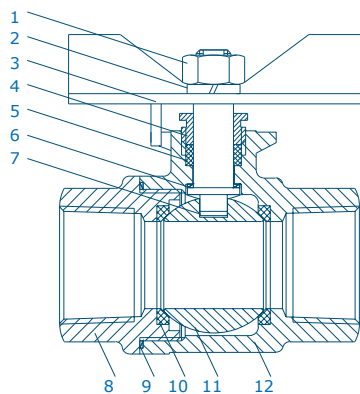
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* Kv-value rated flow coefficients (M3/h at 1 bar DP)

Pressure / temperature

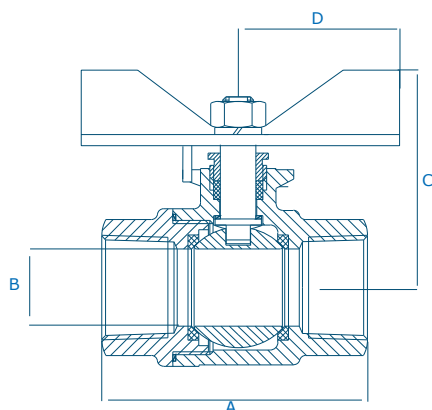


Structure and material



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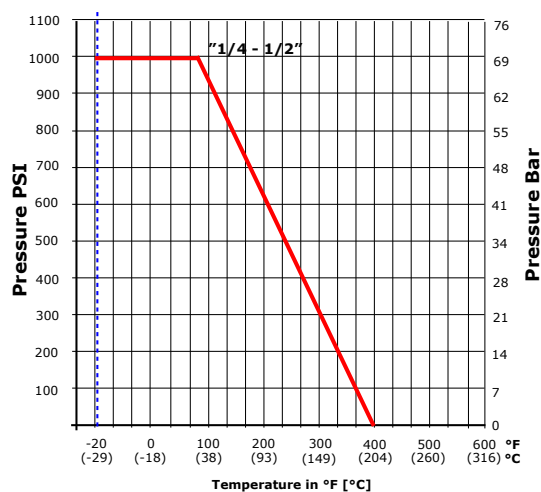
Dimensions (mm) and flow capacities



Dimension	A	B	C	D	Weight (kg)	* Kv-value 90°
1/4"	51	11	45	60	0.20	6
3/8"	51	12.5	45	60	0.19	9
1/2"	63	15	46	60	0.30	16

* Kv-valve rated flow coefficients (M3/h at 1 bar DP)

Pressure / temperature





- Applied for DVGW certification

Installation guide

■ Installation

- 1.1 The valve is capable of tight shutoff with flow in either direction or dead-end, regardless of the position of the valve in the line.
- 1.2 To prevent damage to the seat and ball surface, the pipeline must be flushed free of dirt, burrs and welding residues, before installing the valve.
- 1.3 Maintain the valve or drive it in rotation only on the screwed side: by the 6-sided end with a plane wrench or an adjustable wrench

■ Use

- 2.1 Lifespan of the valve can be maximized, if the valve is used within the rated range, in accordance with pressure, temperature and corrosion data.

■ Operation

- 3.1 To open the valve, turn the handle 1/4 turn (90 degrees)
 - A. Valve in open position - the handle is parallel (in-line) with the valve or pipeline.
 - B. Valve in closed position - the handle is perpendicular (crossed) with the valve or pipeline.



Know-how makes the difference

Dansk Ventil Center A/S

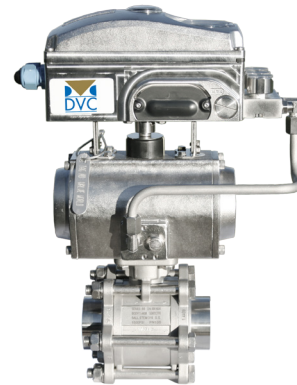
Product Range

- Ball Valves
- Butterfly Valves Soft Seated
- Butterfly Valves Metal Seated
- Y-angle Globe Control Valves
- Thin Wafer Check Valves
- Pneumatic Actuators
- Electrical Actuators
- Brackets for Actuators
- Limit Switches
- Level Gauges - Reflex & Transparent

Dansk Ventil Center is committed to meeting the needs of customers in an environmentally sound and sustainable manner, through continuous improvements in environmental performance in all our activities.

Dansk Ventil Center is located in the northern part of Europe, in the heart of Denmark.

Visit us at www.dvcas.dk and learn more about Dansk Ventil Center and our products.



...for very harsh environments DVC offers completely Stainless Steel assemblies.

- Valves
- Solenoid valve
- Electro Pneumatic positioner
- Pneumatic actuator
- Mechanical switch box
- Filter regulator

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