



ECON® Ball valve Type: 7752 Stainless steel Internal thread (BSPP) 1000 PSI WOG

Characteristics

Type: 7752
Norm: EN (DIN)
Construction type: 2-way
Housing construction: 2-part
Housing material: Stainless steel
Material quality: 1.4408
Connection: Internal thread (BSPP)
Primary spindle seal material: PTFE
Tertiary spindle seal material: PTFE
Body seal: PTFE
Actuator material: 1.4301
Minimum medium temperature (continuous): -10 °C
Maximum medium temperature (continuous): 205 °C

Application

- Light industrial applications up to 68 bar.

Technical Information

- Connection according to ISO 228-1 BSPP.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 0.25-3 inches
- Cavity relief bore in the ball.
- Equipped with lockable lever.

Construction

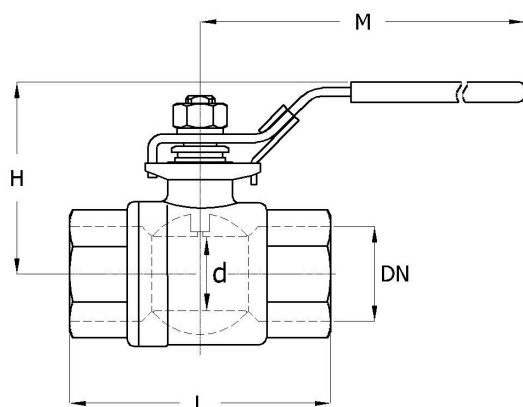
- Two-piece housing construction.
- Full bore.

Options

- Connection in NPT according to ASME B1.20.1.
- With "direct mount" top-flange in accordance with ISO 5211, type 7752ISO.

Size table:

DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/4" [8]	11	51.5	48	103	0.2
3/8" [10]	12.5	51.5	48	103	0.2
1/2" [15]	15	63.5	50	103	0.3
3/4" [20]	20	74	57	126	0.5
1" [25]	25	86	67	144	0.8
1.1/4" [32]	32	98	72	144	1.2
1.1/2" [40]	38	105.5	93	189	1.9
2" [50]	50	122	100	189	3
2.1/2" [65]	63.5	159	126	223	6
3" [80]	76	182	136	223	9.8



Pressure and temperature range

Size	Temperature range	-10	38	100	150	200	[°C]
1/4" - 2"	-10°C/+200°C	68	68	44	22	1	[bar]
2.1/2" - 3"	-10°C/+200°C	50	50	32	16	1	[bar]
Pressure class 1000 PSI WOG							

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Nominal inner diameter	Standard thread connection	Pressure rating	Face to Face norm	Manual operation	Bore	With locking device	Material ball	Seat material	Spindle material	Article
1/4" [8]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427449
3/8" [10]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427450
1/2" [15]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427451
3/4" [20]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427452
1" [25]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427453
1.1/4" [32]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427454
1.1/2" [40]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427455
2" [50]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427456
2.1/2" [65]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427457
3" [80]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	1.4401	12427458

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