

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







Characteristics

Type: 7752ISO Norm: EN (DIN)

Construction type: 2-way
Housing construction: 2-part
Housing material: Stainless steel

Material quality: 1.4408

Connection: Internal thread (BSPP)

Top flange standard: ISO 5211 Direct Mount

Material ball: 1.4408 Seat material: PTFE Spindle material: 1.4401

Primary spindle seal material: PTFE

Secondary spindle seal material: FPM (FKM)

Tertiary spindle seal material: PTFE

Body seal: PTFE

Actuator material: 1.4301

Minimum medium temperature (continuous): -29 $^{\circ}$ C Maximum medium temperature (continuous): 205 $^{\circ}$ C

Application

- Compressed air, central heating systems, water, fuel and slightly corrosive systems up to a maximum of 68 bar.
- Recommended in: Food & Beverages

Technical Information

- Connection according to ISO 228-1 BSPP.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 0.25-3 inches
- With "direct mount" top-flange in accordance with ISO-5211.
- Cavity relief bore in the ball.
- Double self-adjusting gland packing in accordance with TA Luft regulations.
- Equipped with lockable lever.

Construction

- Two-piece housing construction.
- Design in accordance with EN 12516-2.
- Full bore.
- Equipped with anti-static design between ball, spindle and housing.

Approval

- TA Luft certified in accordance with VDI 2440, section 3.3.1.3.
- Declaration of conformity according to EC 1935/2004.

Options

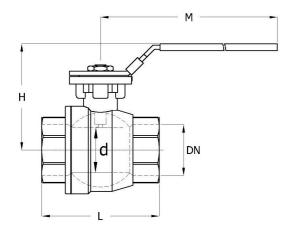
- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Stainless steel extended spindle type 8007 for insulation.
- Connection in NPT according to ASME B1.20.1.

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Page 1/2

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Ball Valves | Ball valves with threaded connection



Size table:

DN	d	L	Н	М	Weight
	mm	mm	mm	mm	kg
1/4" (8)	10.6	64	72	145	0.4
3/8" (10)	12.7	64	72	145	0.4
1/2" (15)	15	64	72	145	0.5
3/4" [20]	20	70.4	80	145	0.6
1" (25)	25	85	90	175	1
1.1/4" [32]	32	94	95	175	1.4
1.1/2" [40]	38	105	106	194	2.2
2" (50)	50	125	113	194	3.6
2.1/2" [65]	63.5	155	150	265	6.5
3" (80)	76	173	159	265	9.2

Pressure and temperature range									
Size	Temperature range	-29	38	100	150	200	[°C]		
1/4" - 2"	-29°C/+200°C	68	68	44	22	1	[bar]		
2.1/2" - 3"	-29°C/+200°C	50	50	32	16	1	[bar]		
Pressure class 1000 PSI WOG									

Nominal inner diameter	Standard thread connection	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Mounting flange 2	Bore	With locking device	Maximum operating pressure bar	Article
1/4" [8]		1000 PSI WOG	Staridard	Handle	F03	F04	Full bore	Yes	63	11814680
3/8" (10)		1000 PSI WOG	Staridard	Handle	F03	F04	Full bore	Yes	63	11814681
1/2" (15)		1000 PSI WOG	Staridard	Handle	F03	F04	Full bore	Yes	63	11814682
3/4" [20]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	F03	F05	Full bore	Yes	63	11814683
1" (25)		1000 PSI WOG	Juliaula	Handle	F04	F05	Full bore	Yes	63	11814684
1.1/4" (32)		1000 PSI WOG	Staridard	Handle	F04	F07	Full bore	Yes	63	11814685
1.1/2" (40)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	F05	F07	Full bore	Yes	63	11814686
2" (50)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	F05	F07	Full bore	Yes	63	11814687
2.1/2" (65)	ISO 228-1	1000 PSI WOG	Standard	Handle	F07	F10	Full bore	Yes	51	11814688
3" (80)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	F07	F10	Full bore	Yes	51	11814689

bage 2/2
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