

ECON® Ball valve Type: 7446 Stainless steel Internal thread (BSPP) 1000 PSI WOG





Characteristics

Type: 7446 Norm: EN (DIN)

Construction type: 2-way Housing construction: 3-part Housing material: Stainless steel

Material quality: 1.4408

Connection: Internal thread [BSPP]

Spindle material: 1.4401

Primary spindle seal material: PTFE Tertiary spindle seal material: PTFE

Body seal: PTFE

Actuator material: 1.4301

Minimum medium temperature (continuous): -29 °C Maximum medium temperature (continuous): 205 °C

Application

- Light industrial applications up to 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
- Cavity relief bore in the ball.
- Equipped with lockable lever.

Construction

- Three-piece housing construction.
- Design in accordance with MSS SP-110.
- Full bore.
- Equipped with anti-static design between ball, spindle and housing.

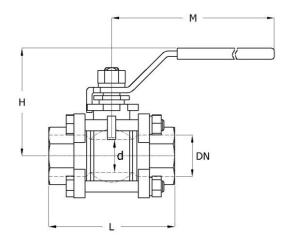
Options

- Connection in NPT according to ASME B1.20.1, type
- Connection in projection welding acc. to B16.11 or butt welding acc. to B16.25, Schedule 40, type 7646
- With "direct mount" top-flange in accordance with ISO 5211, type 7444



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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	65.2	57.5	100	0.5	
3/8" (10)	12.7	65.2	57.5	100	0.5	
3/4" [20]	20	80	63	129	0.6	
1" (25)	25	90	75.5	156	1	
1.1/4" [32]	32	110	81	156	1.4	
1.1/2" [40]	38	120	94	182.5	2.2	
2" (50)	50	140	104.5	182.5	3.6	
2.1/2" [65]	63.5	185	131	252	6	
3" (80)	76	205	139	252	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	Bore	With locking device	Material ball	Seat material	Maximum operating pressure bar	Article
1/4" [8]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	63	EC0744601/4- RPBN
3/8" (10)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	63	EC0744603/8- RPBN
3/4" (20)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	63	EC0744603/4- RPBN
1" (25)	ISO 228-1	1000 PSI WOG	otariaara	Handle	Full bore	Yes	1.4408	PTFE	63	EC074460001- RPBN
1.1/4" (32)		1000 PSI WOG		Handle	Full bore	Yes	1.4408	PTFE	63	EC0744611/4R- PBN
1.1/2" (40)	ISO 228-1	1000 PSI WOG		Handle	Full bore	Yes	1.4408	PTFE	63	EC0744611/2R- PBN
2" (50)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	63	EC074460002- RPBN
2.1/2" [65]	ISO 228-1	1000 PSI WOG	standard	Handle	Full bore	Yes	1.4408	PTFE	51	EC0744621/2- RPBN
3" (80)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Full bore	Yes	1.4408	PTFE	51	EC074460003- RPBN

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