ECON® Ball valve Type: 7744 Stainless steel Internal thread (NPT) 1000 PSI WOG

Characteristics

Type: 7744 Norm: ASME

Construction type: 2-way Housing construction: 1-part Housing material: Stainless steel

Material quality: 1.4408

Connection: Internal thread (NPT) **Primary spindle seal material: PTFE** Tertiary spindle seal material: PTFE

Actuator material: 1.4301

Minimum medium temperature (continuous): -10 $^{\circ}$ C

Maximum medium temperature (continuous): 205 °C ● Reduced bore.

Application

• Light industrial applications up to 68 bar.

Technical Information

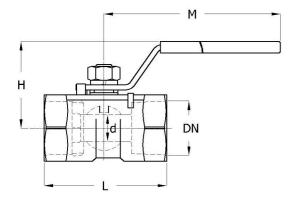
- Connection according to ASME B1.20.1 NPT.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 1/4" 2".

Construction

- One-piece housing construction.

Options

• Connection in BSP according to ISO 228-1.



Size table:

DN	d	L	н	М	Weight
	mm	mm	mm	mm	kg
1/4" (8)	5	39	33	71	0.1
3/8" (10)	7	44	35	93	0.1
1/2" (15)	9.2	55	40	95	0.2
3/4" [20]	12.5	59	44	95	0.3
1" (25)	15	69	50	113	0.4
1.1/4" (32)	20	77	57	113	0.6
1.1/2" [40]	25	81	64	141	0.8
2" (50)	32	97	68	141	1.2

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]		
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	Spindle material	Article
1/4" (8)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427441
3/8" (10)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427442

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Ball Valves | Ball valves with threaded connection

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
1/2" (15)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427443
3/4" [20]	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427444
1" (25)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427445
1.1/4" (32)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427446
1.1/2" [40]	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427447
2" (50)	ASME B1.20.1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427448

e or e advice.
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