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

Characteristics

Type: 7744 Norm: EN (DIN)

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

Material quality: 1.4408

Connection: Internal thread (BSPP) **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

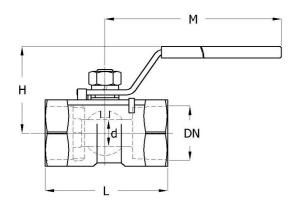
- Connection according to ISO 228-1 BSPP.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 1/4" 2".

Construction

- One-piece housing construction.

Options

• Connection in NPT according to ASME B1.20.1.



Size table:

DN	d	L	н	M	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]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427433
3/8" (10)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427434

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PR_EC011343_0060_EN_20.04.2024

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)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427435
3/4" [20]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427436
1" (25)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427437
1.1/4" (32)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427438
1.1/2" [40]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427439
2" (50)	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427440

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