

101R Ball Valve

1-Piece Reduced Port



For Manual Service

General

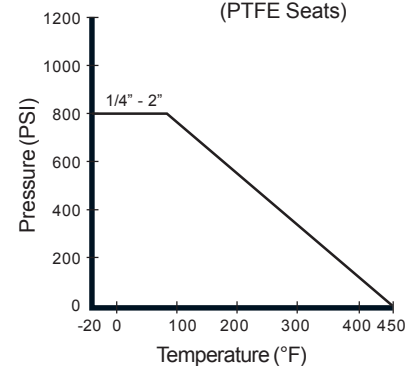
Industrial

Other Corrosion
Resistant Applications

Standard Features and Benefits

- **Economical 1-Piece Design**
- **Blow-Out-Proof Stem**
- **Made of Corrosion-Resistant 316 SS (A 351Gr. CF8M)**
One valve can be used for many service conditions
- **Integral Locking Device**
Enables plant personnel to secure valve in open or closed position when manually operated
- **Investment Cast**
High quality investment castings improve dimensional control and reduce porosity

101R Pressure / Temperature Chart
(PTFE Seats)



Options

- **Reverse handle (2" only)**
- **Certified material test reports are available upon request**



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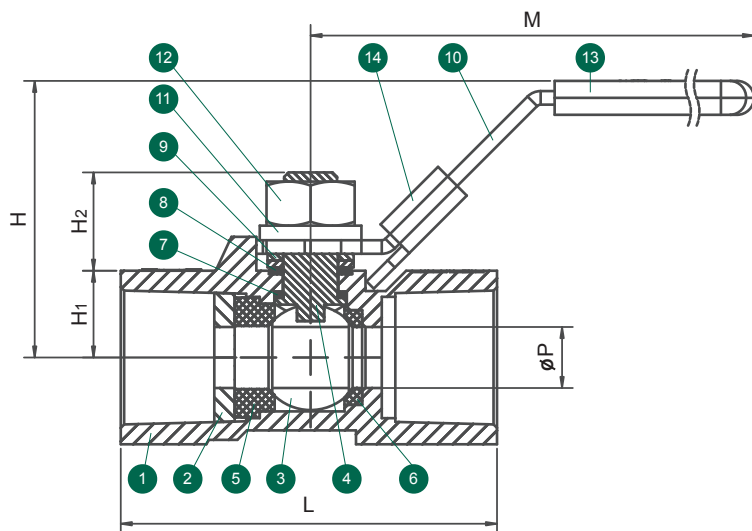
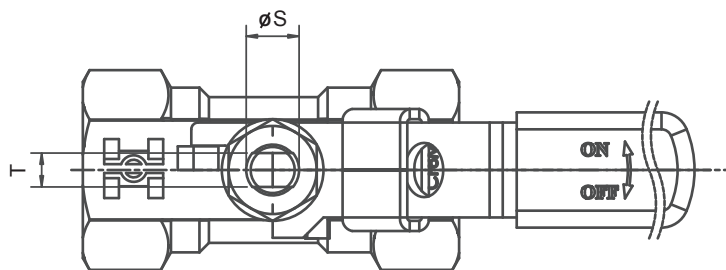


Operating Conditions

- Temperature range (PTFE):
-20°F ~ 450°F
- Maximum pressure (PTFE):
800 PSI CWP

Specifications

- All valves designed and pressure tested in accordance with ANSI/ASME B16.34, API 598, and MSS-SP-110
- All materials comply with applicable ASTM material specifications



Valve Components			
#	Part Name	Material	Qty.
1	Body	A351 Gr. CF8M	1
2	Insert	316SS	1
3	Ball	316SS	1
4	Stem	316SS	1
5	Seat	PTFE	2
6	Body Seal	PTFE	1
7	Thrust Washer	RTFE (15% C.F.)	1
8	Stem Packing Set	PTFE	1
9	Packing Gland	304SS	1
10	Handle	304SS	1
11	Lock Washer	304SS	1
12	Handle Nut	304SS	1
13	Handle Cover	Vinyl	1
14	Locking Device	304SS	1

Dimensions (Inches)									
Size	L	P	M	H	H1	H2	S	T	Weight (lbs)
1/4	1.54	0.20	2.91	1.22	0.67	0.36	0.19	0.12	0.13
3/8	1.75	0.28	2.91	1.42	0.83	0.40	0.23	0.16	0.22
1/2	2.20	0.36	3.74	1.61	0.99	0.58	0.31	0.20	0.27
3/4	2.32	0.50	3.74	1.73	1.22	0.56	0.31	0.20	0.47
1	2.75	0.59	4.33	1.89	1.50	0.63	0.38	0.24	0.86
1 1/4	3.08	0.79	4.33	2.13	1.90	0.60	0.38	0.24	1.37
1 1/2	3.20	0.96	5.32	2.56	2.09	0.77	0.46	0.32	1.79
2	3.90	1.25	5.32	2.83	2.67	0.70	0.46	0.32	3.13

101R Ordering Information

Example: 2" Reduced Port Ball Valve with Lever Handle with Locking Device, 316SS Body and Trim, PTFE Seats and PTFE Seals, NPT Ends

101R	D		6	6	6	6	T	T	TT	2	S
Valve Series	Valve Size		Body Material	End Material	Ball Material	Stem Material	Seat	Seal	End Connection	Port	Ball Config.
101R - Reduced Port	2	1/4"	6 - A351 Gr. CF8M (316)	6 - A351 Gr. CF8M (316)	6 - A351 Gr. CF8M (316)	6 - A351 Gr. CF8M (316)	T - PTFE	T - PTFE	T - NPT	2 - 2 Way	S - Straight Port
	3	3/8"									
	5	1/2"									
	7	3/4"									
	A	1"									
	B	1 1/4"									
	C	1 1/2"									
	D	2"									

Due to continuous product development, information may change without notice.



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