Smart Solutions. Powerful Products.

FORUM ENERGY TECHNOLOGIES

Series 10CC & CS

Unibody Carbon Steel Ball Valves

FEATURES

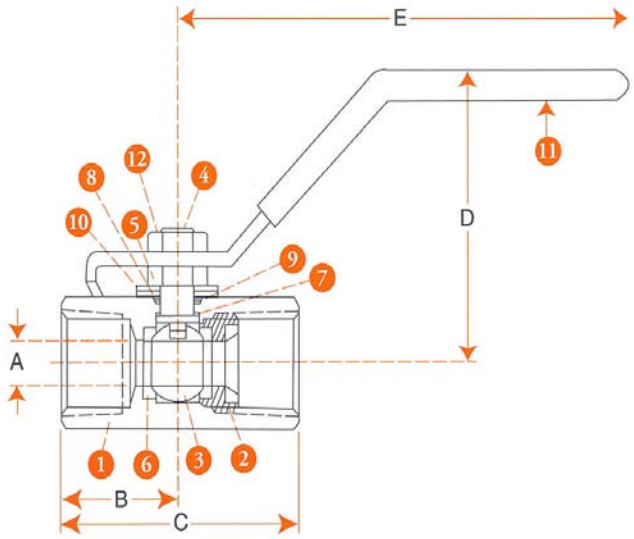
- AISI 1017 Carbon Steel Bodies and Tailpieces
- 2000 WOG Rating on All Sizes
- 150 PSIG Saturated Steam Rating
- All Models are NACE MR-01-75 Compliant
- 316 Stainless Steel Ball & Stem Available
- "Live Loaded" Stem Packing Design
- "Tamperproof" Locking Handles Available in Carbon and Stainless Steel
- Competitively Priced

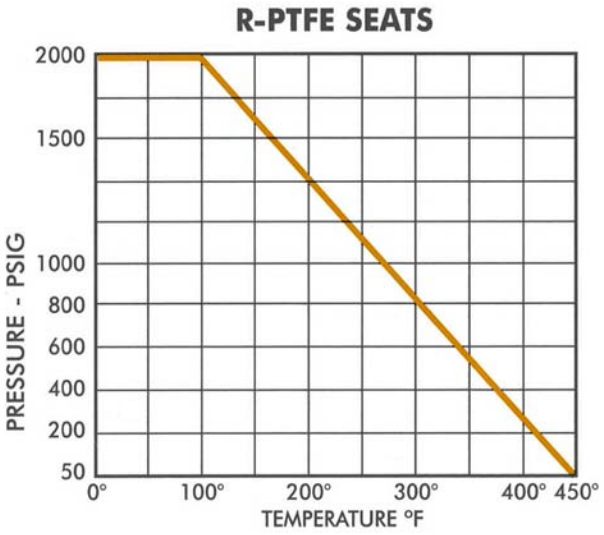
RATINGS

2000 PSIG @100F Water, Oil, Gas
All Sizes ... 150 PSIG Saturated Steam

MATERIALS OF CONSTRUCTION

PART	DESCRIPTION	STANDARD MATERIAL	OPTIONAL MATERIAL(S)
1	Body	AISI Gr. 1017	
2	Tailpiece	AISI Gr. 1017	
3	Ball	ASTM A276 Gr. 304SS	ASTM A276 Gr. 316SS
4	Stem	AISI 1045 Carbon Steel	ASTM A276 Gr. 316SS
5	Packing Nut	Carbon Steel-Plated	
6	Seats (2)	R-PTFE	
7	Packing	R-PTFE	
8	Washer	ASTM A276 Gr. 304SS	
9	Thrust Washer (2)	TFE	
10	Belleville Washer (2)	Carbon Steel-HT	
11	Handle Assy	Carbon Steel-Plated	304 Stainless Steel
12	Handle Nut	Carbon Steel-Plated	304 Stainless Steel





DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A	B	C	D	E	WEIGHT LBS.	CV	MAX. TORQUE
1/4-3/8"	0.35	1.10	2.22	2.21	4.17	0.7	4	60 IN-LB
1/2"	0.35	1.10	2.19	2.21	4.17	0.6	4	60 IN-LB
3/ 4"	0.47	1.31	2.63	2.32	4.17	0.8	8	75 IN-LB
1"	0.62	1.58	3.15	2.68	5.83	1.7	14	150 IN-LB
1-1 /4"	0.81	1.81	3.62	2.87	5.83	2.5	19	180 IN-LB
1-1/2"	1.00	2.00	4.00	3.11	7.01	3.7	33	250 IN-LB
2"	1.25	2.25	4.5	3.39	7.24	5.7	51	350 IN-LB

Numbering System ... How to Order

10	D	C	C	R	R	LH	TT	100
SERIES	**PORT SIZE**	**BODY MATERIAL**	**BALL/STEM MATERIAL**	**SEAT MATERIAL**	**SEAL MATERIAL**	**HANDLE TYPE**	**ENDS**	**SIZE**
10 = Unibody (Barstock)	D = Double Reduced	C = Carbon	C = Plated Carbon S = 316 Stainless	R = R-PTFE	R = R-PTFE	LH = CS Lever LL = CS Latch Lock SH = Stainless Lever SL = Stainless Latch Lock	TT = FNPT	025 = 1/4" 038 = 3/8" 050 = 1/2" 075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2"

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