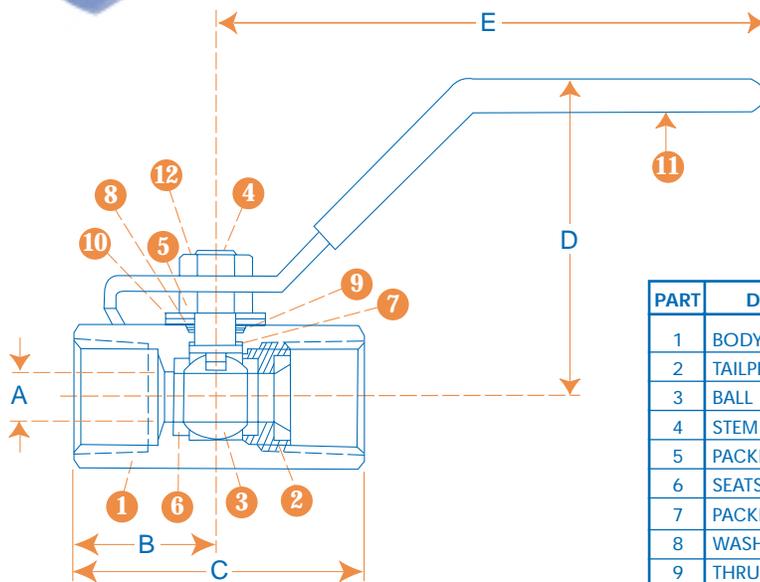




### FEATURES

- 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



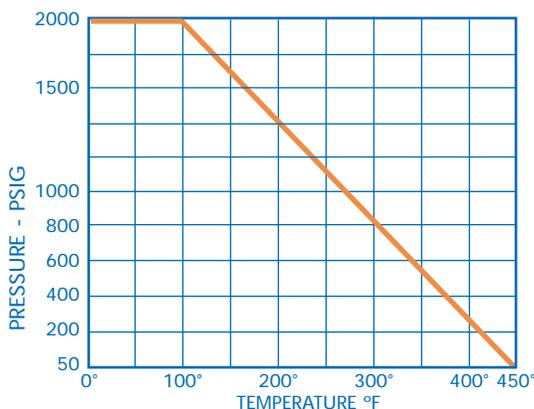
### RATINGS

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

### R-PTFE SEATS



### 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	.7	4.0	60 IN-LB
1/2"	0.35	1.10	2.19	2.21	4.17	.6	4.0	60 IN-LB
3/4"	0.47	1.31	2.63	2.32	4.17	.8	8.0	75 IN-LB
1"	0.62	1.58	3.15	2.68	5.83	1.7	14.0	150 IN-LB
1-1/4"	0.81	1.81	3.62	2.87	5.83	2.5	19.0	180 IN-LB
1-1/2"	1.00	2.00	4.00	3.11	7.01	3.7	33.0	250 IN-LB
2"	1.25	2.25	4.50	3.39	7.24	5.7	51.0	350 IN-LB



## SERIES 10CC & CS

**NUMBERING SYSTEM ... HOW TO ORDER:**

10 D C C R R LH TT 100

<p><b>SERIES</b> 10 = UNIBODY (BARSTOCK)</p>	<p><b>PORT SIZE</b> D = DOUBLE REDUCED</p>	<p><b>BODY MATERIAL</b> C = CARBON</p>	<p><b>BALL/STEM MAT'L</b> C = PLATED CARBON STEEL S = 316 STAINLESS</p>	<p><b>SEAT MAT'L</b> R = R-PTFE</p>	<p><b>SEAL MAT'L</b> R = R-PTFE</p>	<p><b>HANDLE TYPE</b> LH = CS LEVER LL = CS LATCH LOCK SH = STAINLESS LEVER SL = STAINLESS LATCH LOCK</p>	<p><b>ENDS</b> TT = FNPT</p>	<p><b>SIZE</b> 025 = 1/4" 038 = 3/8" 050 = 1/2" 075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2"</p>
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### **OTHER QUADRANT PRODUCTS ... to solve your Fluid Control Problems:**

- SERIES 20-NP** Forged Brass 400WOG Reduced Port Ball Valves
- SERIES 20-BP & BS** Cast Bronze 600WOG Full & Reduced Port Ball Valves with Brass or 316SS Trim
- SERIES 20-CC & CS** Carbon Steel Bar Stock 2000WOG Reduced Port Ball Valves with Carbon or 316SS Trim
- SERIES 21** Stainless Steel 2-Piece 1000WOG Full Port Ball Valves
- SERIES S1** Seal Welded Stainless Steel 1000WOG Full Port Ball Valves
- SERIES S2** Seal Welded Stainless Steel 2000WOG Reduced Port Ball Valves
- SERIES SB** Seal Welded Stainless Steel 2160WOG Reduced Port Ball Valves
- SERIES S3** Seal Welded Stainless Steel 3600WOG Reduced Port and Full Port Ball Valves
- SERIES S5** Seal Welded Stainless Steel 5000WOG Reduced and Full Port Ball Valves
- SERIES S6** Seal Welded Stainless Steel 6000WOG Reduced Port and Full Port Ball Valves with FNPT, MxF NPT & Socket Weld Ends
- SERIES M1** 3-Piece 4-Bolt Maintenance Design Brass 600WOG Full Port Ball Valves with Plated Brass or 316SS Trim
- SERIES UU** 3-Piece Double Union High Pressure Full Port Ball Valves in Carbon and Stainless Steel Construction with FNPT or Socket Weld Ends
- SERIES BFV-D** 2"- 48" Ductile Iron Butterfly Valves with Ductile, Aluminum Bronze, or CF8M Discs and Buna-N, EPDM or Viton Seats- Lever, Gear Operators or Pneumatic/Electric Actuators
- SERIES BFV-A** 2"- 12" A-395 Ductile Iron Butterfly, Split Shaft, all Disc Materials and Buna-N or Viton Seats, NACE Compliant, Lever, Gear Operators or Electric/Pneumatic Actuators