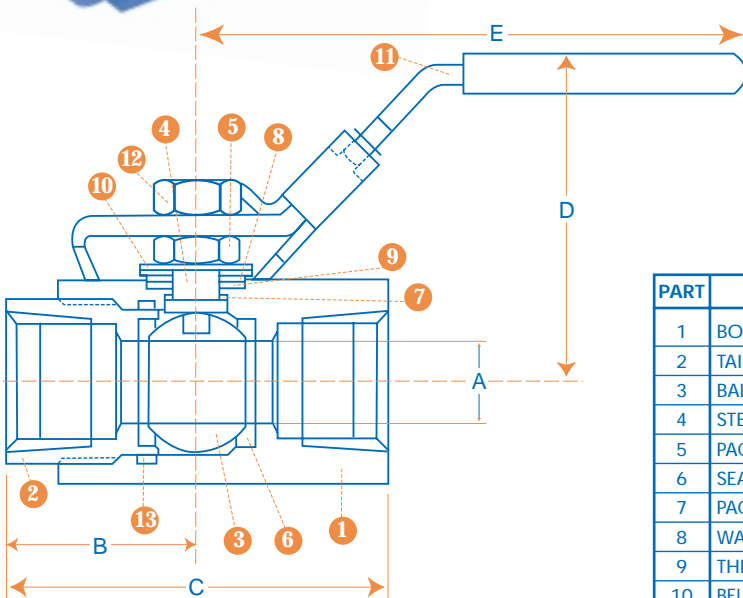




FEATURES

- 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
- Locking Oval Handles Available in Carbon and Stainless Steel
- Competitively Priced

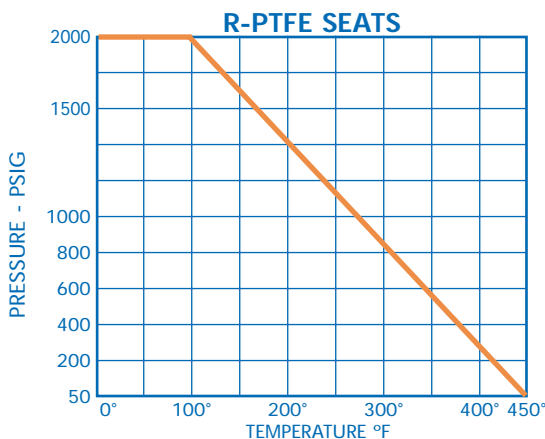


RATINGS

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
13	BODY SEAL	R-PTFE	



DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A	B	C	D	E	WEIGHT LBS.	Cv	MAX. TORQUE
1/4-3/8"	.40	1.0	2.0	1.7	4.2	.6	9	40 IN-LB
1/2"	.54	1.1	2.3	1.7	4.2	.75	16	75 IN-LB
3/4"	.68	1.4	2.8	2.1	5.9	1.6	27	120 IN-LB
1"	.88	1.6	3.2	2.3	5.9	2.4	42	150 IN-LB
1-1/4"	1.0	1.9	3.8	2.8	7.0	3.5	52	250 IN-LB
1-1/2"	1.25	2.3	4.6	3.0	7.3	5.4	80	300 IN-LB
2"	1.5	2.4	4.9	3.6	8.7	6.8	115	320 IN-LB



SERIES 20CC & CS

NUMBERING SYSTEM ... HOW TO ORDER:

20 R C C R R LH II 100

SERIES	PORT SIZE	BODY MATERIAL	BALL/STEM MAT'L	SEAT MAT'L	SEAL MAT'L	HANDLE TYPE	ENDS	SIZE
20 = 2 PIECE	F = FULL (1/4"-1/2") R = REDUCED (3/4"-2")	C = CARBON	C = PLATED CARBON STEEL S = 316 STAINLESS	R = R-PTFE	R = R-PTFE	LH = CS LEVER LL = CS LATCH LOCK SH = STAINLESS LEVER SL = STAINLESS LATCH LOCK SO = STAINLESS OVAL	TT = FNPT MT = MxF NPT	025 = 1/4" 038 = 3/8" 050 = 1/2" 075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2"

OTHER QUADRANT PRODUCTS ... to solve your Fluid Control Problems:

<u>SERIES 20-NP</u>	Forged Brass 400WOG Reduced Port Ball Valves
<u>SERIES 20-BP & BS</u>	Cast Bronze 600WOG Full & Reduced Port Ball Valves with Brass or 316SS Trim
<u>SERIES 20-CC & CS</u>	Carbon Steel Bar Stock 2000WOG Reduced Port Ball Valves with Carbon or 316SS Trim
<u>SERIES 21</u>	Stainless Steel 2-Piece 1000WOG Full Port Ball Valves
<u>SERIES S1</u>	Seal Welded Stainless Steel 1000WOG Full Port Ball Valves
<u>SERIES S2</u>	Seal Welded Stainless Steel 2000WOG Reduced Port Ball Valves
<u>SERIES SB</u>	Seal Welded Stainless Steel 2160WOG Reduced Port Ball Valves
<u>SERIES S3</u>	Seal Welded Stainless Steel 3600WOG Reduced Port and Full Port Ball Valves
<u>SERIES S5</u>	Seal Welded Stainless Steel 5000WOG Reduced and Full Port Ball Valves
<u>SERIES S6</u>	Seal Welded Stainless Steel 6000WOG Reduced Port and Full Port Ball Valves with FNPT, MxF NPT & Socket Weld Ends
<u>SERIES M1</u>	3-Piece 4-Bolt Maintenance Design Brass 600WOG Full Port Ball Valves with Plated Brass or 316SS Trim
<u>SERIES UU</u>	3-Piece Double Union High Pressure Full Port Ball Valves in Carbon and Stainless Steel Construction with FNPT or Socket Weld Ends
<u>SERIES BFV-D</u>	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
<u>SERIES BFV-A</u>	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