

FEATURES

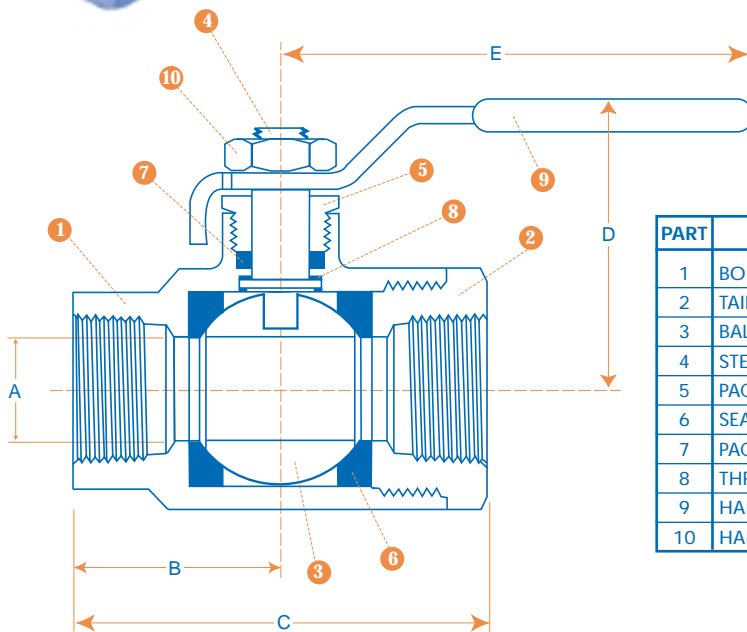


- Cast Heavy Wall Bronze Bodies
- Full Port 1/4"-1" Sizes
- 600 WOG Pressure Rating - All Sizes
- 150 PSIG Saturated Steam Rating
- 316 Stainless Steel Ball & Stem Available
- Locking Handles Available in Carbon and Stainless Steel
- 20-BS includes 316SS Ball & Stem and 304SS Handle & Nut
- NPT or Solder Ends Available (NOTE A)

NOTE A: Always solder valve while in fully open position and apply wet rag to center of body during soldering.

RATINGS

600 PSIG @100F WATER, OIL, GAS
150 PSIG SAT. STEAM (NPT ONLY)



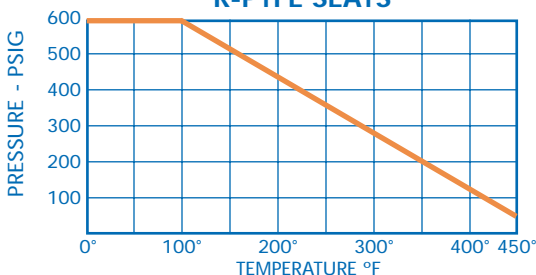
MATERIALS OF CONSTRUCTION

PART	DESCRIPTION	20-BP	20-BS
1	BODY	Bronze B584 C84400	Bronze B584 C84400
2	TAILPIECE	Brass B124 C37700	Brass B124 C37700
3	BALL	Brass Chrome Plated	ASTM A276 Gr. 316SS
4	STEM	Brass B16 C36000	ASTM A276 Gr. 316SS
5	PACKING NUT	Brass B16 C36000	Brass B16 C36000
6	SEATS (2)	R-PTFE	R-PTFE
7	PACKING	R-PTFE	R-PTFE
8	THRUST WASHER	R-PTFE	R-PTFE
9	HANDLE ASSY	Carbon Steel - Zinc Plate	304 Stainless Steel
10	HANDLE NUT	Carbon Steel - Zinc Plate	304 Stainless Steel

DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A	B	C NPT	C SOLDER	D	E	WEIGHT LBS.	Cv	MAX. TORQUE
1/4-3/8"	.38	1.0	2.0	2.0	1.9	4.0	.48	9	60 IN-LB
1/2"	.50	1.2	2.5	2.3	1.9	4.0	.68	16	70 IN-LB
3/4"	.75	1.4	2.9	3.0	2.2	4.8	1.96	60	100 IN-LB
1"	1.0	1.7	3.4	3.7	2.5	4.8	1.96	60	160 IN-LB
1-1/4"	1.0	2.0	4.0	3.8	2.7	4.8	2.33	52	200 IN-LB
1-1/2"	1.25	2.1	4.3	4.3	3.1	6.9	3.37	80	250 IN-LB
2"	1.5	2.3	4.6	5.2	3.3	6.9	5.2	115	370 IN-LB
2-1/2"	2.0	2.9	5.9	6.0	3.6	6.9	8.5	265	410 IN-LB
3"	2.5	3.5	7.1	7.4	4.5	7.9	14.6	420	460 IN-LB
4"	3.0	3.6	7.1		4.8	7.9	15.6	500	520 IN-LB

R-PTFE SEATS



Quadrant

VALVE & ACTUATOR, LLC

SERIES 20 BP & BS

NUMBERING SYSTEM ... HOW TO ORDER:

20 F B P R R LH TT 050

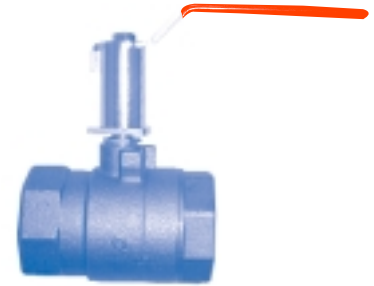
SERIES	PORT SIZE	BODY MATERIAL	BALL/STEM MAT'L	SEAT MAT'L	SEAL MAT'L	HANDLE TYPE	ENDS	SIZE
20 = 2 PIECE	F = FULL (1/4" - 1") R = REDUCED (1-1/4" - 2")	B = BRONZE	P = PLATED BRASS S = 316 STAINLESS	R = R-PTFE Z = STEAM SEATS	R = R-PTFE	LH = CS LEVER LL = CS LATCH LOCK SL = STAINLESS LATCH LOCK TH = TEE HANDLE CO = CS OVAL LO = LOCKING STAINLESS OVAL XH = EXTENDED HANDLE BS = BALANCING STOP HANDLE	TT = FNPT MT = MxF NPT CC = SOLDER ENDS	025 = 1/4" 038 = 3/8" 050 = 1/2" 075 = 3/4" 100 = 1" 125 = 1-1/4" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3" 400 = 4"



20-BS with 304SS Latch-Lock Handle



20-BP with CS Tee Handle



20-BP with Extended Handle Kit



20-BP with CS Oval Handle



20-BS with 304SS Locking Oval



20-BP Balancing Handle Assembly