



Series SX-CS & SS

Seal Welded High Pressure Ball Valves

FEATURES

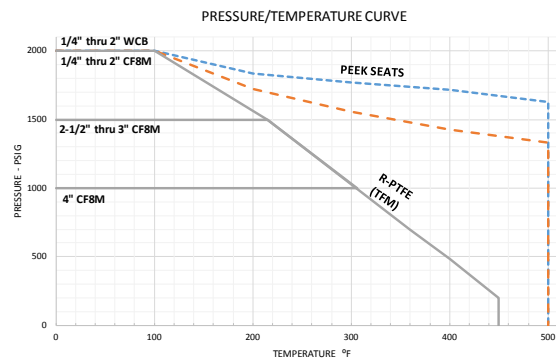
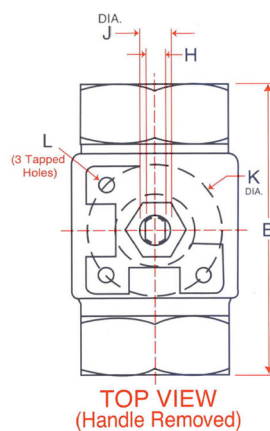
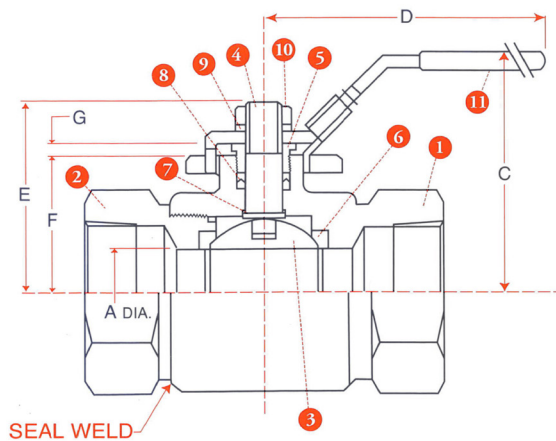
- Seal Welded Construction
- Available in WCB Carbon Steel with 316SS Trim, or Full CF8M/316 Stainless
- Full Port - All Sizes
- 2000 WOG Rating 1/4"-2"
- 1500 WOG Rating 2-1/2"-3", 1000 WOG on 4"
- All Models are NACE MR-01-75 Compliant
- All Models are API 607 Fourth Edition Fire Safe
- Elevated Packing Nut for Ease of Access When Automated
- Standard ISO Actuator Mounting Pads on all Sizes
- Standard Locking Stainless Steel Handles
- Optional PEEK Seats for High Temp Service
- Optional Oval Handles

RATINGS

1/4"-2"2000 WOG @ 100°F
2-1/2"-3"1500 WOG @ 100°F
4"1000 WOG @ 100°F
200 PSIG Saturated Steam

MATERIALS OF CONSTRUCTION

PART	DESCRIPTION	STANDARD MATERIAL
1	Body	CF8M or WCB
2	Tailpiece	CF8M or WCB
3	Ball	ASTM A276 Gr. 316 SS
4	Stem	ASTM A276 Gr. 316 SS
5	Packing Nut	ASTM A276 Gr. 316 SS
6	Seats (2)	R-PTFE or Peek
7	Thrust Washer	PTFE
8	Stem Packing	Graphite
9	Lock Washer	304 SS
10	Handle Nut	304 SS
11	Handle Assy.	304 SS



DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A (PORT)	B	C	D	E	F	G	H	J DIA.	K DIA.	L (3 TAPPED HOLES)	ISO PATTERN	WEIGHT LBS.	CV	MAX TORQUE	
															R-PTFE	PEEK
1/4-3/8"	.43	2.7	2.2	5.1	1.53	.78	.35	.20	.31	1.42	1/4"-20 UNC	F03	1.1	10	50	-
1/2"	.50	2.7	2.2	5.1	1.53	.78	.37	.20	.31	1.42	1/4"-20 UNC	F03	1.0	16	60	90
3/4"	.81	3.0	2.8	5.7	2.26	1.28	.38	.26	.44	1.65	1/4"-20 UNC	F04	1.7	32	105	144
1"	1.00	3.6	3.0	5.7	2.49	1.46	.43	.26	.44	1.65	1/4"-20 UNC	F04	2.1	62	145	216
1-1/4"	1.25	4.0	3.6	7.3	2.92	1.76	.45	.35	.57	1.97	1/4"-20 UNC	F05	3.8	115	300	-
1-1/2"	1.50	4.5	3.8	7.8	3.18	2.01	.46	.35	.57	1.97	1/4"-20 UNC	F05	6.0	140	350	480
2"	2.00	5.0	4.4	7.8	3.64	2.37	.57	.35	.57	1.97	1/4"-20 UNC	F05	8.7	365	550	720
2-1/2"	2.50	6.6	5.0	13.9	4.33	2.88	.55	.47	.75	2.76	5/16"-18 UNC	F07	18	450	1050	-
3"	3.00	7.2	5.4	13.9	4.73	3.27	.53	.47	.75	2.76	5/16"-18 UNC	F07	26	1100	1350	-
4"	4.00	8.6	7.5	18.0	5.76	4.63	.53	.67	1.00	2.76	5/16"-18 UNC	F07	45	2200	2200	-

Numbering System ... How to Order

<u>SX</u>	<u>E</u>	<u>S</u>	<u>S</u>	<u>R</u>	<u>G</u>	<u>SL</u>	<u>TT</u>	<u>100</u>
SERIES	PORT SIZE	BODY MATERIAL	BALL/STEM MATERIAL	SEAT MATERIAL	SEAL MATERIAL	HANDLE TYPE	ENDS	SIZE
1/4" - 2"	F = Full	1/4" - 4"	S = 316 Stainless	R = R-PTFE P = Peek	G = Graphite	SL = Stainless Latch Lock LO = Locking Stainless Oval ST = 304SS Tee Handle PA = Double Acting Pneumatic SA = Spring Return Pneumatic EA = 115VAC Electric Actuated	TT = FNPT WW = Socket Weld WT = Socket Weld x 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" 250 = 2-1/2" 300 = 3" 400 = 4"
SX = Seal Welded 2000 WOG 2-1/2" - 3" = 1500 WOG 4" = 1000 WOG		S = Stainless (ASTM A351-CF8M) 1/4" - 2" C = Carbon (A216-WCB)						