

Quadrant™ Series S10-SS

Seal Welded Extreme Pressure Ball Valves



ASME B16.34 & API 608 Compliant



Features

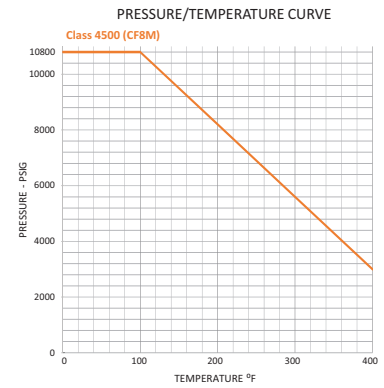
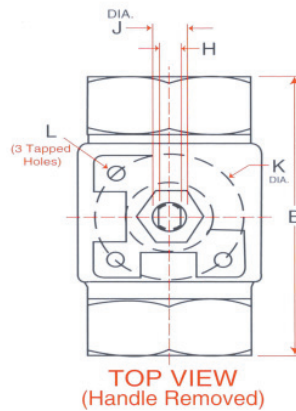
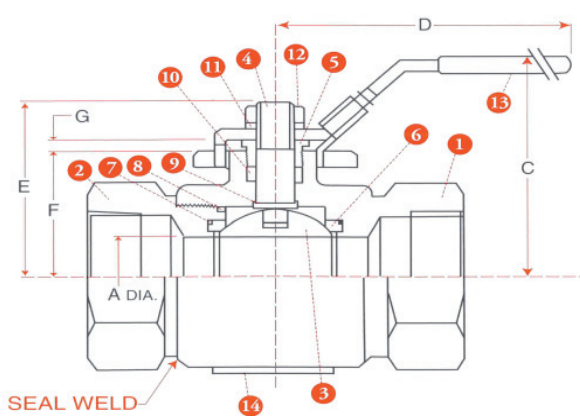
- Seal Welded Construction
- All Stainless Construction
- 10,800 WOG Rating (CF8M)
- Fully Compliant with ASME B16.34 Class 4500
- PEEK Seats and Graphite Seals Standard
- All Models Comply with NACE MR0175
- 304SS Locking Handles
- Meets all Requirements of API 608
- API 607 Fire Safe
- ISO Mounting Pads
- Available in NPT, Socket Weld, or MxF NPT

Materials of Construction

PART	DESCRIPTION	STANDARD MATERIAL
1	Body	ASTM A351 GR. CF8M
2	Tailpiece	ASTM A351 GR. CF8M
3	Ball	ASTM A276 GR. 316 SS
4	Stem	17-4PH SS
5	Packing Nut	ASTM A276 GR. 316 SS
6	Seats (2)	PEEK
7	Seat Seal (2)	Viton
8	Tailpiece Seal	Graphite
9	Thrust Washer	PEEK
10	Stem Packing	Graphite
11	Lock Washer	304 SS
12	Handle Nut	304 SS
13	Handly Assy.	300 SS
14	Name Plate	300 SS

RATINGS

10,800 PSIG @100F Water, Oil Gas
250 PSIG Saturated Steam (PEEK Seats)



Dimensions, Weights, CV Factors & Maximum Operating Torque

SIZE	A (BORE)	B	C	D	E	F	G	H	J	K DIA.	L (3 TAPPED HOLES)	ISO PATTERN	WT. LBS.	CV	MAX. TORQUE
1/4" FNPT	.40	.40	2.27	5.15	1.64	1.01	.21	.20	.31	1.42	1/4"-20 UNC	F03	2.7	6	150 IN-LBS
3/8" FNPT	.40	.40	2.27	5.15	1.64	1.01	.21	.20	.31	1.42	1/4"-20 UNC	F03	2.7	10	150 IN-LBS
1/2" FNPT	.40	.40	2.27	5.15	1.64	1.01	.21	.20	.31	1.42	1/4"-20 UNC	F03	2.6	14	150 IN-LBS
1/2" SW	.40	.40	2.27	5.15	1.64	1.01	.21	.20	.31	1.42	1/4"-20 UNC	F03	2.6	14	150 IN-LBS

Numbering System ... How to Order

S10	R	S	S	P	F	SL	TT	050
SERIES	PORT SIZE	BODY MATERIAL	BALL/STEM MATERIAL	SEAT MATERIAL	SEAL MATERIAL	HANDLE TYPE	ENDS	SIZE
S10 = Seal Welded 10,800 WOG	R = Reduced	S = Stainless (CF8M)	S = 316 Stainless	P = Peek	F = Graphite	SL = Stainless Latch Lock PA = Double Acting Pneumatic SA = Spring Return Pneumatic EA = 115VAC Electric Actuated	TT = FNPT MT = MxF NPT WW = Socket Weld WT = Socket Weld x FNPT	025 = 1/4" 038 = 3/8" 050 = 1/2"