



# VALVES

## Series W60

### Seal Welded Extreme Pressure Ball Valves 1/4" - 2" ASME CLASS 2500

#### FEATURES

- SEAL WELDED CONSTRUCTION
- Full Port and Reduced Port Available
- Available in WCB Carbon Steel with 316SS Trim, or CF8M/316 Stainless
- 6000 WOG Rating on CF8M, 6170 WOG on WCB
- Fully Compliant with ASME B16.34 Class 2500
- PEEK Seats and Viton Seats are Standard
- NPT, MxF NPT and Socket Weld Ends Available
- NACE MR-01-75 Compliant
- API 607 Fourth Edition Fire Safe
- Fully Compliant with API 608
- Standard ISO Actuator Mounting Pads on all Sizes
- Standard Locking Stainless Steel Handles
- The Ultimate Valve for Safe Extreme Pressure Service



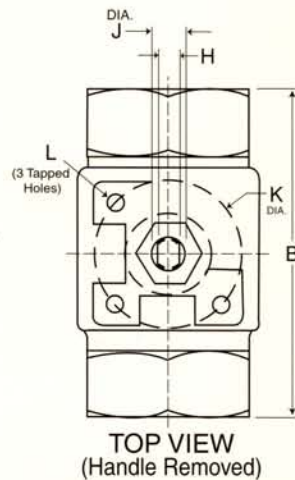
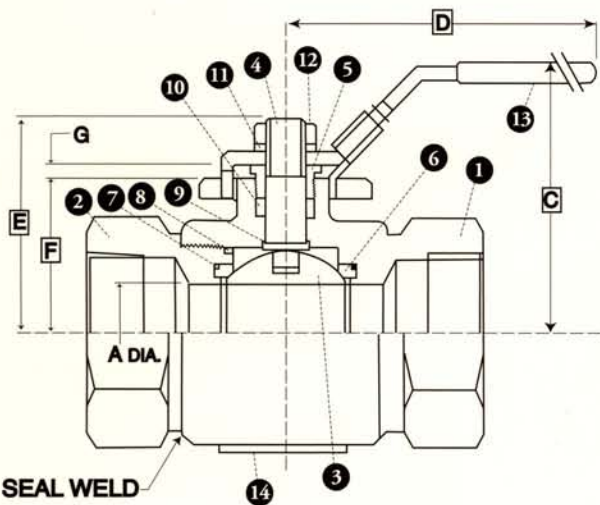
**ASME B16.34 Compliant!**

#### RATINGS

**6000 PSIG @ 100F WATER, OIL, GAS (CF8M)  
6170 PSIG @ 100F WATER, OIL, GAS (WCB)  
250 PSIG SATURATED STEAM (PEEK SEATS)**

#### 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 (1/4"-1") 174-PH (1-1/2"-2")
5	PACKING NUT	ASTM A276 GR. 316 SS
6	SEATS (2)	PEEK
8	TAILPIECE SEAL	GRAPHITE
9	THRUST WASHER	PEEK
10	STEM PACKING	GRAPHITE
11	LOCK WASHER	304 SS
12	HANDLE NUT	304 SS
13	HANDLE ASSY.	304 SS
14	NAME PLATE	300 SS



#### DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A	B	C	D	E	F	G	H	J	K	L	ISO PATTERN	WEIGHT LBS.	Cv	MAX. TORQUE
1/4" FP	.25	3.0	2.3	5.0	1.62	.89	.33	.20	.31	1.42	1/4"-20 UNC	F03	1.7	10	100 in-lb
1/2" FP	.50	4.0	2.3	5.0	1.62	.89	.33	.20	.31	1.42	1/4"-20 UNC	F03	1.7	16	140 in-lb
3/4" FP	.75	4.3	2.9	5.8	2.21	1.29	.41	.28	.43	1.65	1/4"-20 UNC	F04	3.5	32	270 in-lb
1" RP	.75	4.3	2.9	5.8	2.21	1.29	.41	.28	.43	1.65	1/4"-20 UNC	F04	3.6	44	270 in-lb
1" FP	1.0	4.8	3.5	7.4	2.79	1.65	.43	.35	.56	1.97	1/4"-20 UNC	F05	6.8	62	700 in-lb
1-1/2" FP	1.5	5.3	4.5	14.0	3.87	2.51	.49	.39	.62	2.76	5/16"-18UNC	F07	15.7	140	1200 in-lb
2" RP	1.5	6.3	4.5	14.0	3.87	2.51	.49	.39	.62	2.76	5/16"-18UNC	F07	16.0	120	1200 in-lb

