

Warren® VALVES

Series W50

Seal Welded High Pressure Ball Valves

1/4" - 2" 5000 WOG

FEATURES

- SEAL WELDED CONSTRUCTION
- Full Port and Reduced Port Available
- All Stainless Construction - CF8M Bodies & Tailpieces, 316SS Internals
- 5000 WOG Rating on all sizes
- Derlin Seats and Viton Seats are Standard
- NACE MR-01-75 Compliant
- API 607 Fourth Edition Fire Safe
- Standard ISO Actuator Mounting Pads on all sizes
- Standard Locking Stainless Steel Handles
- The Ultimate Valve for Safe High Pressure Service

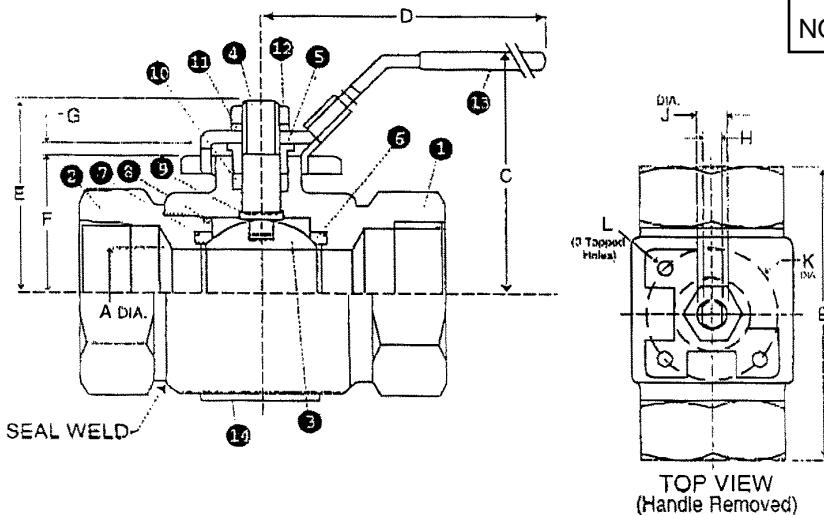


RATINGS

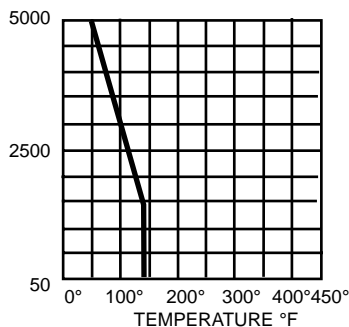
5000 PSIG @ 100F WATER, OIL, GAS
NO STEAM SERVICE RATING (DELRIIN SEATS)

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	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)	DELRIIN 100AF
7	SEAT SEAL (2)	VITON
8	TAILPIECE SEAL	GRAPHITE
9	THRUST WASHER	PTFE
10	STEM PACKING	GRAPHITE
11	LOCK WASHER	304 SS
12	HANDLE ASSY	304 SS
13	HANDLE NUT	304 SS



DELRIIN SEATS



DIMENSIONS, WEIGHTS, CV FACTORS & MAXIMUM OPERATING TORQUE

SIZE	A	B	C	D	E	F	G	H	J	K	L	ISO	WEIGHT	Cv	MAX
										DIA	(3 tapped holes)	PATTERN	LBS.		TORQUE
1/4-3/8"	0.25	3.00	2.30	5.00	1.62	0.89	0.33	0.20	0.31	1.42	1/4"-20 UNC	F03	1.60	10	75 IN-LB
1/2"	0.50	4.00	2.30	5.00	1.62	0.89	0.33	0.20	0.31	1.42	1/4"-20 UNC	F03	1.60	16	75 IN-LB
3/4"	0.75	4.30	2.90	5.80	2.21	1.29	0.41	0.28	0.43	1.65	1/4"-20 UNC	F04	2.70	32	120 IN-LB
1"	0.75	4.30	2.90	5.80	2.21	1.29	0.41	0.28	0.43	1.65	1/4"-20 UNC	F04	3.00	44	200 IN-LB
1-1/4"	1.00	4.80	3.50	7.40	2.79	1.65	0.43	0.35	0.56	1.97	1/4"-20 UNC	F05	6.20	62	400 IN-LB
1-1/2"	1.50	5.30	4.50	14.0	3.87	2.51	0.49	0.39	0.62	2.76	5/16"-18 UNC	F07	11.3	140	750 IN-LB
2"	1.50	6.30	4.50	14.0	3.87	2.51	0.49	0.39	0.62	2.76	5/16"-18 UNC	F07	11.7	120	750 IN-LB