

W.O.G. GENERAL SERVICE BALL VALVES

ENGINEERED FOR LONG LASTING SERVICE

MODEL 1800R



MODEL 21000F



MODEL 31500F



CF8M Material w/RTFE Seats, Locking Handle

SIZE	1800R One-Piece Reduced Port 800 WOG NPT	Drilled and Tapped for Actuation		
		21000F Two-Piece Full Port 1000 WOG NPT	31500F ₁	
			1500 WOG	1000 WOG
1/4"	STOCK	STOCK	STOCK	NA
3/8"	STOCK	STOCK	STOCK	NA
1/2"	STOCK	STOCK	STOCK	NA
3/4"	STOCK	STOCK	STOCK	NA
1"	STOCK	STOCK	STOCK	NA
1 1/4"	STOCK	STOCK	STOCK	NA
1 1/2"	STOCK	STOCK	STOCK	NA
2"	STOCK	STOCK	STOCK	NA
2 1/2"	NA	STOCK	NA	STOCK
3'	NA	STOCK	NA	STOCK
4"	NA	NA	NA	STOCK

¹ Available with NPT, SWE, or BWE connections

VALVES IN STOCK

AVAILABLE FOR IMMEDIATE SHIPMENT

OVAL HANDLES AVAILABLE for MOST MODELS AND SIZES

(not available for Series 21000F & 31500F 2 1/2" and larger)

MATERIAL TEST REPORTS and DRAWINGS READILY AVAILABLE

MICROFINISH VALVES, INC.

10803 Vinecrest Drive, Suite 170 Houston, TX 77086

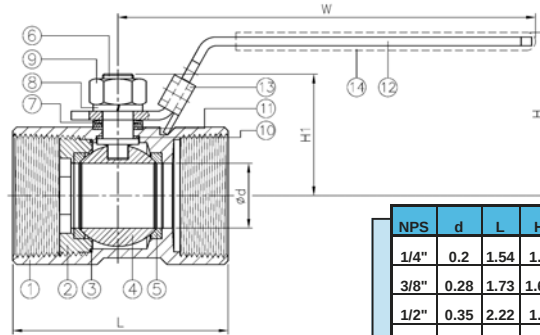
(T) 281-885-4250 (F) 281-866-0966

www.microfinishvalvesinc.com

Supplier of industrial valves to key regions of the Americas, serving the U.S., Canada, Mexico, and Latin America .

Located in northwest Houston our new 13,600 square foot warehouse office is poised to provide the Americas with sales and technical support .

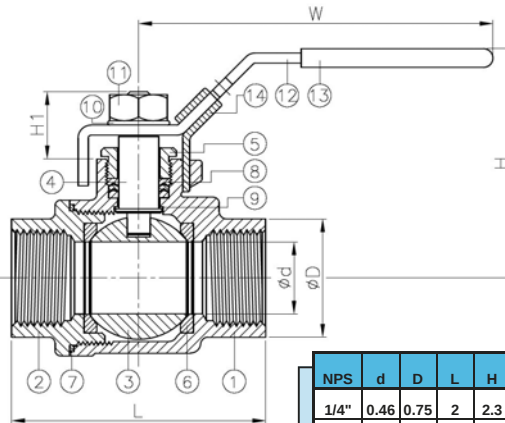
ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	RETAINER		
3	BODY SEAL	PTFE	
4	BALL	ASTM A351-CF8M	
5	BALL SEAT	PTFE/RTFE	
6	STEM	ASTM A276-316	
7	FLAT WASHER	AISI 304	
8	SPRING		
9	STEM NUT		
10	THRUST WASHER	PTFE	
11	PACKING	AISI 304	
12	HANDLE		
13	LATCH LOCK	AISI 304	
14	HANDLE	PVC	



ONE-PIECE 1800R 800 WOG

NPS	d	L	H	H1	T	W	Torque (in-lb)	Weight (lb)	Cv (USgal/min)
1/4"	0.2	1.54	1.5	0.67	0.12	2.43	7.1	0.2	4
3/8"	0.28	1.73	1.62	0.84	0.16	2.89	8.9	0.2	8
1/2"	0.35	2.22	1.6	1.03	0.2	3.73	10.6	0.4	13
3/4"	0.49	2.32	1.74	1.13	0.2	3.73	15.9	0.7	26
1"	0.59	2.8	2.22	1.44	0.24	4.39	25.7	0.9	40
1 1/4"	0.79	3.07	2.44	1.59	0.24	4.43	44.3	1.5	73
1 1/2"	0.98	3.27	2.49	1.83	0.31	6.3	65.5	2	114
2"	1.26	3.94	2.7	2.01	0.31	6.32	77.9	3.1	199

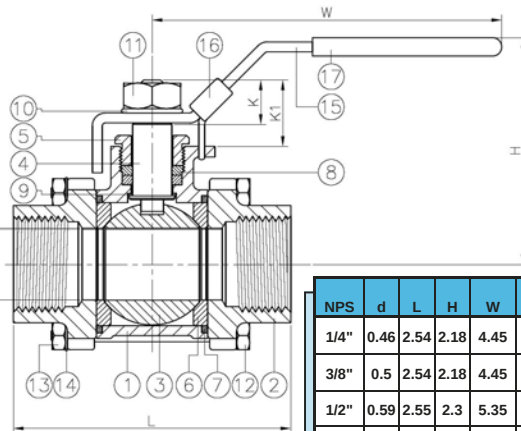
ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	GLAND RING	AISI 304	
6	BALL SEAT	PTFE/RTFE	
7	BODY SEAL	PTFE	
8	PACKING		
9	THRUST		
10	SPRING	AISI 304	
11	NUT		
12	HANDLE	PVC	
13	HANDLE	PVC	
14	LOCK DEVICE	AISI 304	



TWO-PIECE 21000F 1000 WOG

NPS	d	D	L	H	H1	T	W	N	P	M	Torque (in-lb)	Weight (lb)	Cv (USgal/min)
1/4"	0.46	0.75	2	2.3	0.71	3/8"-24UNF	3.94	0.5	1.12	3/16"	31	0.4	22
3/8"	0.49	0.89	2	2.3	0.71	3/8"-24UNF	3.94	0.5	1.12	3/16"	35.4	0.4	25
1/2"	0.59	1.02	2.28	2.3	0.73	3/8"-24UNF	3.94	0.5	1.12	3/16"	48.7	0.7	37
3/4"	0.79	1.26	2.58	2.5	0.89	7/16"	4.92	0.5	1.12	3/16"	66.4	1.1	68
1"	0.98	1.5	3.1	3.07	0.98	7/16"	5.87	0.88	1.38	3/16"	97.4	1.8	109
1 1/4"	1.26	1.89	3.54	3.27	1.02	7/16"	5.87	0.88	1.38	1/4"	132.8	2.4	185
1 1/2"	1.5	2.16	4.13	4.02	1.18	1/2"-20UNF	7.48	0.91	1.5	1/4"	177	4	268
2"	1.97	2.64	4.88	4.25	1.18	1/2"-20UNF	7.48	0.91	1.5	1/4"	354	6	486
2 1/2"	2.48	3.35	5.75	5.43	1.57	3/4"-10UNF	9.84	1.14	1.97	1/4"	531	12.3	791
3"	2.99	3.94	6.46	5.75	1.57	3/4"-10UNF	9.84	1.38	2.2	1/4"	752.3	16.5	1150

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	CAP	ASTM A351-CF3M
3	BALL	ASTM A351-CF8M
4	STEM	ASTM A276-316
5	GLAND NUT	AISI 304
6	BALL SEAT	PTFE/RTFE/CTFE
7	BODY SEAL	PTFE
8	PACKING	
9	THRUST	
10	SPRING	AISI 304
11	STEM NUT	
12	BOLT	ASTM A193-B8A
13	BOLT NUT	ASTM A194-8A
14	SPRING	AISI 304
15	HANDLE	ASTM A167-304
16	LATCH LOCK	
17	HANDLE	PVC



THREE-PIECE 31500F 1500/1000 WOG

NPS	d	L	H	W	C	P	M	K	K1	S	Torque (in-lb)	Weight (lb)	Cv (USgal/min)
1/4"	0.46	2.54	2.18	4.45	0.2	1.42	3/16"-UNC	0.41	0.58	5/16"-UNC	38.1	1	22
3/8"	0.5	2.54	2.18	4.45	0.2	1.42	3/16"-UNC	0.41	0.58	5/16"-UNC	38.1	1	26
1/2"	0.59	2.55	2.3	5.35	0.26	1.42	3/16"-UNC	0.53	0.77	3/8"-UNC	58.4	1.4	37
3/4"	0.79	3.19	2.44	5.35	0.26	1.42	3/16"-UNC	0.53	0.76	3/8"-UNC	84.1	1.9	68
1"	0.98	3.73	3.33	6.14	0.31	1.65	3/16"-UNC	0.61	0.96	7/16"-UNC	123	2.8	109
1 1/4"	1.26	4.34	3.59	6.14	0.31	1.97	1/4"-UNC	0.61	0.94	7/16"-UNC	103.6	4.4	185
1 1/2"	1.5	5.11	3.96	7.36	0.35	1.97	1/4"-UNC	0.69	1.04	1/2"-UNC	230.1	6	268
2"	2.01	5.87	4.68	7.87	0.35	2.76	5/16"-UNC	0.69	1.07	1/2"-UNC	287.6	9.5	506
2 1/2"	2.56	7.24	5.54	11.02	0.47	4.02	5/16"-UNC	1.04	1.54	3/4"-UNC	552.3	19.7	843
3"	3.15	8.23	6.03	12.6	0.47	4.02	7/16"-UNC	1.04	1.35	3/4"-UNC	517.8	31.6	1277
4"	3.94	9.23	6.95	12.28	0.63	4.02	7/16"-UNC	1.04	2.09	1"-UNC	575.3	51.7	2055