

C Series Carbon Steel Sealwelded Ball Valves

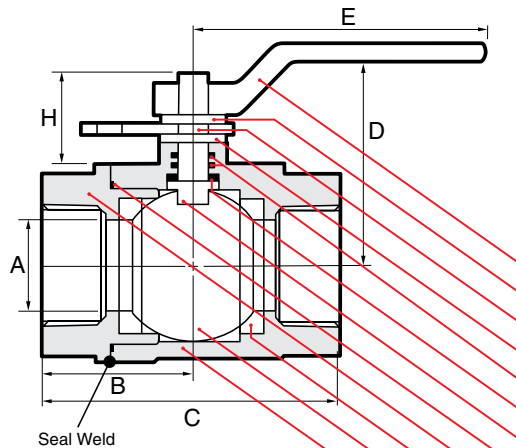
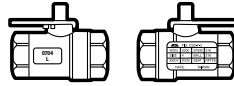
CSS-F-2



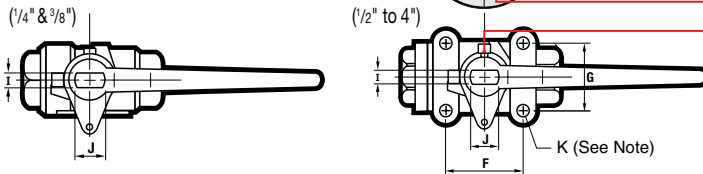
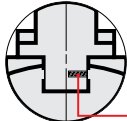
4.5

FIG CSS-F-2				FIG CSS-F-2			
WOG	3000	STEM	316	WOG	2000	STEM	316
SIZE	1	BALL	316	SIZE	4	BALL	316
BODY	WCB	SEAT	RPTFE	BODY	WCB	SEAT	RPTFE

NACE
SIZE 1/4" - 2"



anti-static design



• mounting pads on 2" are tapped. All others have reserve holes. Recommended tapping sizes listed for reference only (1/4" & 3/8" not provided with mounting pads).

- Full port
- NPT to ANSI B1.20.1
- Full sealwelded 2 piece body
- Blowout-proof stem
- Anti-static device
- Locking device
- Actuator mounting pad
- 3000 PSI, W.O.G. 1/4" to 2"
- 2000 PSI, W.O.G. 2 1/2" to 4"
- Valves comply to NACE MR-01-75

NAME / MATERIAL

- Handle / A536 Grade 65-45-12 Ductile Iron
- Retainer Spring / Carbon Steel
- Lockable Stop Plate / Carbon Steel Plated
- Stem Bearing / Nylon
- Packing / Viton O-Rings (2)
- Thrust Washer / Reinforced Teflon 15% GFT
- Stem / A276 Stainless Steel 316
- Gasket / Viton O-Ring (1)
- Cap / Cast Steel A216 WCB
- Seat / Reinforced Teflon 15% GFT
- Ball / A351 Stainless Steel 316
- Body / Cast Steel A216 WCB
- Spring & Pin / A276 Stainless Steel 304
- Screw / A307 Carbon Steel

D I M E N S I O N S

size	8	10	15	20	25	32	40	50	65	80	100
A	9.50	9.50	12.70	20.00	24.00	31.80	38.10	50.80	65.00	78.00	100
mm/in	0.374	0.374	0.500	0.787	0.945	1.252	1.500	2.000	2.559	3.071	3.937
B	30.30	30.30	35.00	45.00	48.00	54.10	58.00	67.45	81.90	89.95	105.5
mm/in	1.193	1.193	1.378	1.772	1.890	2.130	2.283	2.655	3.224	3.541	4.154
C	62.00	62.00	69.00	85.00	93.00	105.0	116.0	134.0	164.0	180.0	211.0
mm/in	2.441	2.441	2.717	3.346	3.661	4.134	4.567	5.276	6.457	7.086	8.307
D	51.50	51.50	54.50	64.30	67.40	75.00	81.00	92.00	114.80	124.80	141.0
mm/in	2.028	2.028	2.146	2.531	2.654	2.953	3.189	3.622	4.520	4.913	5.551
E	130.00	130.00	130.00	160.00	160.00	230.00	230.00	230.00	400.00	400.00	460
mm/in	5.120	5.120	5.120	6.300	6.300	9.060	9.060	9.060	15.750	15.750	18.11
F			25.40	44.20	44.20	47.20	47.20	47.20	70.00	70.00	88.40
mm/in			1.000	1.740	1.740	1.858	1.858	1.858	2.750	2.750	3.480
G			35.00	41.00	44.00	54.00	60.00	74.00	81.00	92.00	125.0
mm/in			1.378	1.614	1.732	2.126	2.362	2.913	3.189	3.622	4.921
H			19.00	25.00	23.50	33.50	33.50	32.00	38.50	38.00	57.00
mm/in			0.748	0.984	0.925	1.319	1.319	1.260	1.516	1.496	2.244
I	5.90	5.90	5.90	8.00	8.00	12.00	12.00	12.00	14.00	14.00	17.00
mm/in	0.232	0.232	0.232	0.315	0.315	0.472	0.472	0.472	0.551	0.551	0.669
J	9.70	9.70	9.70	11.70	11.70	16.90	16.90	16.90	20.90	20.90	28.90
mm/in	0.382	0.382	0.382	0.461	0.461	0.665	0.665	0.665	0.823	0.823	1.138
K			M6	M6	M6	M8	M8	M8	M8	M8	M8
CV	11	11	15	45	65	125	175	380	500	900	1250
Weights	0.354	0.346	0.530	0.940	1.350	2.390	2.980	4.520	8.960	12.650	21.310
kg/lb	0.779	0.761	1.166	2.068	2.970	5.258	6.556	9.944	19.712	27.830	46.882

PRESSURE TEMPERATURE RATING

