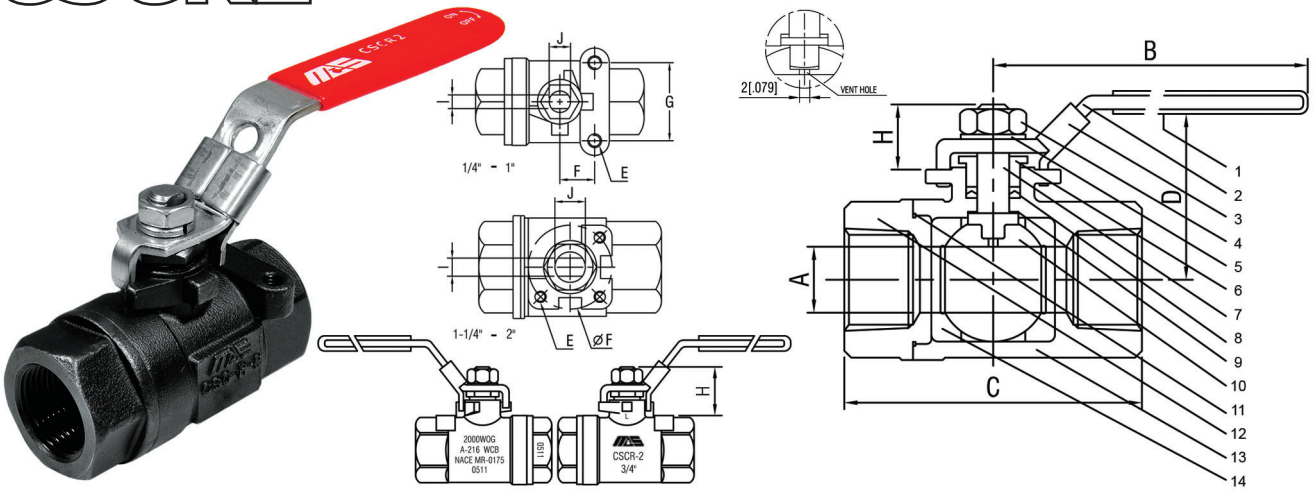
M. A. Stewart & Sons Ltd.
VALVES AND FITTINGS

C Series Carbon Steel 2000 WOG Two Piece Large Port Ball Valves

CSCR2

LSSR2 (LCC body/cap)
for -50°F/-46°C service is available



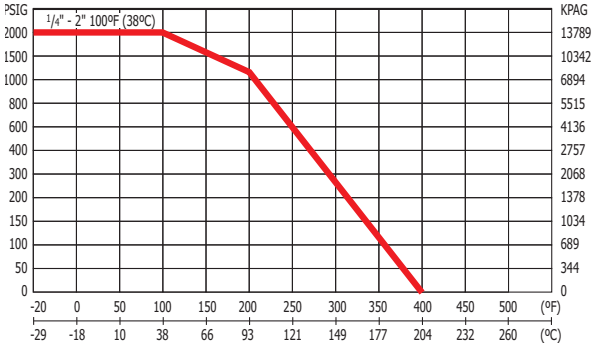
- Large port
- Locking lever handle
- NPT ends to ANSI B1.20.1
- Two piece body
- Blowout-proof stem
- Adjustable packing gland
- Actuator mounting pad
- 2000 p.s.i., W.O.G.
- Complies to NACE MR-0103
  Complies with manufacturer requirements of NACE MR0175/ISO15156

- **Optional; Model LSSR2 (LCC body/cap) for -50°F/-46°C service is available**

All mounting pads are not tapped, but have reserve holes cast in (except 3/4" and 1" which are dimpled). Recommended tapping sizes are listed for reference only.

NAME / MATERIAL			
NO.	**PART NAME**	**MATERIAL CSCR-2**	**LSSR-2**
1	Handle Grip	Vinyl	
2	Handle	A276 TYPE 304	
3	Locking Device	A276 TYPE 304	
4	Handle Nut	A276 TYPE 304	
5	Stem Washer	A276 TYPE 304	
6	Gland Nut	C.S.A108	
7	Stem	A276 TYPE 316	
8	Packing	PTFE	
9	Thrust Washer	R-PTFE 15% GLASS-FILLED	
10	Ball	A351 GRADE CF8M	
11	Gasket	PTFE	
12	Cap	A216 GRADE WCB	*(A352 LCC)
13	Body	A216 GRADE WCB	*(A352 LCC)
14	Seat	R-PTFE 15% GLASS-FILLED	

PRESSURE TEMPERATURE RATING



DIMENSIONS														
SIZE		mm/in **A**	mm/in **B**	mm/in **C**	mm/in **D**	**E**	mm/in **F**	mm/in **G**	mm/in **H**	mm/in **I**	mm/in **J**	**CV**	WEIGHT KGS/LBS
8	**1/4**	11	103.5	58.5	54	M6	12.7	28.45	24.50	5.50	7.70	8	0.347
		0.433	4.075	2.303	2.13		0.5	1.12	0.965	0.217	0.303		0.763
10	**3/8**	12.5	103.5	58.5	54	M6	12.7	28.45	24.50	5.50	7.70	10	0.331
		0.492	4.075	2.303	2.13		0.5	1.12	0.965	0.217	0.303		0.728
15	**1/2**	12.5	103.5	61.5	57	M6	12.7	28.45	22.50	5.50	7.70	15	0.314
		0.492	4.075	2.421	2.24		0.5	1.12	0.886	0.217	0.303		0.691
20	**3/4**	17.5	125	79.5	65.5	M6	22.1	34.8	27.50	6.50	9.30	30	0.602
		0.689	4.921	3.130	2.58		0.87	1.37	1.083	0.256	0.367		1.324
25	**1**	20.6	125	88.5	69.5	M6	22.1	34.8	27.50	6.50	9.30	40	0.781
		0.866	4.921	3.484	2.74		0.87	1.37	1.083	0.256	0.367		1.718
32	**1 1/4**	25	193	102	88.5	M8	50		24.50	8.00	12.50	48	1.477
		0.964	7.598	4.016	3.484		1.968		0.965	0.315	0.492		3.249
40	**1 1/2**	31.8	193	111	94.5	M8	50		24.50	8.00	12.50	80	1.987
		1.252	7.598	4.370	3.720		1.968		0.965	0.315	0.492		4.371
50	**2**	38	193	137	107	M8	50		26.00	10.00	15.60	108	2.633
		1.496	7.598	5.394	4.213		1.968		1.024	0.394	0.614		5.793