CNC FLOW CONTROL



2 Piece Spring Return Ball Valve

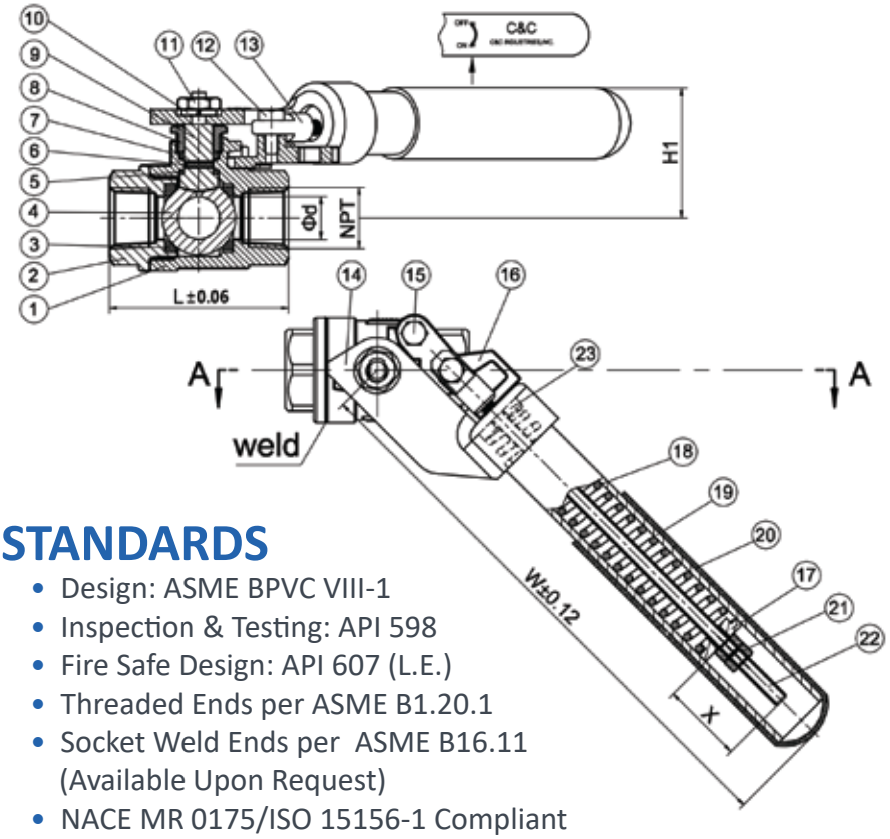
BVBU / BVBL / BVSF - SR Series

C&C

C&C is a product brand of CNC Flow Control

WWW.CNCFlowControl.com

Dimensions (in.) & Weights							
Pipe Size	Ød	L	W	H1	X	Cv	Weight (Lbs)
1/2”	0.59	2.48	7.28	1.84	1.12	12	1.52
3/4”	0.79	2.83	7.28	2.00	1.18	35	1.98
1”	0.98	3.38	7.28	2.16	0.94	60	2.91



STANDARDS

- Design: ASME BPVC VIII-1
- Inspection & Testing: API 598
- Fire Safe Design: API 607 (L.E.)
- Threaded Ends per ASME B1.20.1
- Socket Weld Ends per ASME B16.11 (Available Upon Request)
- NACE MR 0175/ISO 15156-1 Compliant
- Design Temperature:
  - WCB (A216): -20 to 375 °F
  - LCC (A352): -50 to 375 °F
  - CF8M (A351): -50 to 375 °F

SPECIFICATIONS

- 2-Piece Seal Welded Body
- Sizes: 1/2”, 3/4” & 1”
- Pressure Rating: 2,000 PSI
- Full Bore
- End Connections:
  - Thread x Thread
  - Socket Weld x Socket Weld (Available Upon Request)
- Blowout Proof Stem
- Spring Return Handle
- Dual Stem Sealing Design

FLOW CONTROL

HOW TO ORDER

A	B	C	-	D	-	E	-	F
BV	BU	100		2000		V		SR

A	Valve Type
BV	Ball Valve

D	Pressure Rating
2000	2,000 PSI

B	Body Material
BU	ASTM A216-WCB
BL	ASTM A352-LLC
SF	ASTM A351-CF8M

E	O-ring Seal
V	Viton GLT-90

F	Handle Type
SR	Spring Return

C	Size
050	1/2”
075	3/4”
100	1”

Materials List		
Item Number	Part	Material
1	Body	WCB, LCC, or CF8M
2	Cap	WCB, LCC, or CF8M
3	Seat	RPTFE
4	Ball	ASTM A182 F316
5	Thrust Wacher	RPTFE
6	Stem O-ring	Viton GLT
7	Stem Packing	PTFE
8	Gland Bushing	A2-70
9	Stem	ASTM A564 17-4PH
10	Washer	SS304
11	Handle Nut	A2-035
12	Anchor Screw	SS304
13	Spring Rod Tip	SS304
14	Handle Adapter	ASTM A351 CF8
15	Screw	SS304
16	Handle Bracket	ASTM A351 CF8
17	Washer	SS304
18	Spring	SS304
19	Handle	SS
20	Handle Color	PVC
21	Lock Nut	A2-70
22	Spring Rod	SS304
23	Washer	SS304