

# VALVE DATA Sheet

A range of economical two piece cast ball valves with the option of actuator mounting pads and locking devices for the handles. Sizes from 1/4" to 3" and pressures up to 2,000 psi/136Bar

BV 1/4"-3"

Design Details:-

**2 Piece ball valve, full bore**

\* Investment cast body

\* Blow-out proof stem design

\* Ends in BSPP or NPT

\* Optional Locking Device

\* Optional Threaded Mounting pad

Pressure Ratings :-

1 1/4"- 2"

1000psi / 68 Bar

## Dimension Table

Size	d	L	H	D	W1	W2	B	C *	Kg
1/4"	11.6	55	50	100	12.7	28.5	27.5	10-24UNC	0.25
3/8"	12.7	55	50	100	12.7	28.5	27.5	10-24UNC	0.24
1/2"	15.0	65	60	130	12.7	28.5	32.5	10-24UNC	0.39
3/4"	20.0	76	64	130	22.4	35.0	37.4	10-24UNC	0.54
1"	25.0	89	71	165	22.4	35.0	44.5	10-24UNC	0.94
1-1/4"	32	102	78	165	25.4	38.1	51.0	1/4-20UNC	1.31
1-1/2"	38	110	86	190	25.4	38.1	55.0	1/4-20UNC	1.96
2"	50	126	95	190	25.4	38.1	63.0	1/4-20UNC	3.08
2-1/2"	65	165	130	165	25.4	38.1	51.0	1/4-20UNC	1.31
3"	32	102	78	165	25.4	38.1	51.0	1/4-20UNC	1.31



## Materials Specification

Item	Description	Material
1	BODY	ASTM A351 Gr CF8M
2	BALL	ASTM A351 Gr CF8M
3	Ball SEAT	PTFE
4	Body SEAL	PTFE
5	END CAP	ASTM A351 Gr CF8M
6	STEM	316ss
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	HANDLE	304ss
10	GLAND NUT	304ss
11	STEM WASHER	304ss
12	HANDLE NUT	304ss
13	HANDLE SLEEVE	VYNL [PVC]
14	LOCKING DEVICE	304ss

Sample Part No

**BVCR1015NFS**

1/2" NPT 316 St. St. Ball Valve rated 2,000 psi Pn 136 fitted with St St Lever Handle

## VALVE PART NUMBER and ORDERING TABLE

Valve Series	Bore	Size	Threads	* Material	Handle	Options
BVCA 1,000 psi/Pn 68	12	08 - 1/4"	NF - NPT Female NM - NPT Male	S - 316 SS	Lever Handle as Standard	-Lk Locking  -Mp Mounting Pad
	13	10 - 3/8"				
	15	15 - 1/2"				
	20	20 - 3/4"				
	25	25 - 1"	PF - BSPP Female PM - BSPP Male			
	32	32 - 1 1/4"				
	38	40 - 1 1/2"				
	50	50 - 2"	TF - BSPT Female TM - BSPT Male			

We reserve the right to change dimensions as part of our continuing policy of product

BVC 01/08



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