



US Industrial Sourcing, L.L.C.

SPECIFICATIONS

Brass Ball Valve BV & BVM Series

FULL PORT - FPT x FPT	Size	Model #
	1/4"	BVF25FF
	3/8"	BVF38FF
	1/2"	BVF1FF
	3/4"	BVF2FF
	1"	BVF3FF
	1 1/4"	BVF4FF
	1 1/2"	BVF5FF
	2"	BVF6FF
	2 1/2"	BVF7FF
	3"	BVF8FF

STANDARD PORT - FPT x FPT	Size	Model #
	1/2"	BVF1FF
	3/4"	BVF2FF
	1"	BVF3FF
	1 1/4"	BVF4FF
	1 1/2"	BVF5FF
	2"	BVF6FF
	2 1/2"	BVF7FF
	3"	BVF8FF

FULL PORT - SWT x SWT	Size	Model #
	1/2"	BVF1SS
	3/4"	BVF2SS
	1"	BVF3SS
	1 1/4"	BVF4SS
	1 1/2"	BVF5SS
	2"	BVF6SS

STANDARD PORT - FPT x SWT	Size	Model #
	1/2"	BVS1FS
	3/4"	BVS2FS
	1"	BVS3FS
	1 1/4"	BVS4FS
	1 1/2"	BVS5FS
	2"	BVS6FS

1/4" MINI BALL VALVE	Model #
	MV025 (MPT x FPT)
	MV025F (FPR x FPT)

Product Description: The USIS Model BV is a brass ball valve available with a standard or full port ball that is rated at 600 WOG. End connections available are FPT x FPT, SWT x SWT, and FPT x SWT. All ball valves come standard with a memory stop, blow-out proof brass stem, a double o-ring stem seal, and an adjustable stem packing nut.

PRODUCT SPECIFICATIONS		STANDARD MATERIAL SPECIFICATIONS	
Working Pressure:	600 PSIG	Ball Valve	Forged Brass ASTM B283-06
Working Temperature:	-22°F to 250°F	O-Ring	EPDM
Pipe Threads:	National Pipe Thread Standard (BSPP Available)	Handle	Chrome Plated Steel with Vinyl Cover
Suitable Medium:	Water, Oil, Gas	Stem	Brass ASTM B124-09 - Explosion Proof
Steam Rating:	125 PSIG Saturated Steam	Ball	Chrome Plated Brass
		Ball Seat	Teflon (PTFE)

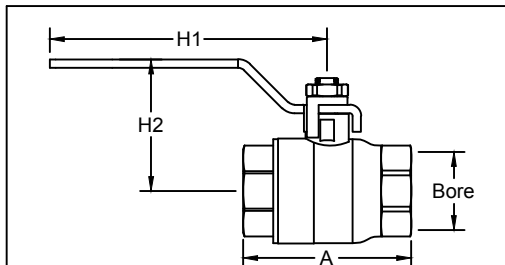
The information presented on this submittal is correct at the time of publication. US Industrial Sourcing, L.L.C. reserves the right to change design, and/or material specifications without notice.



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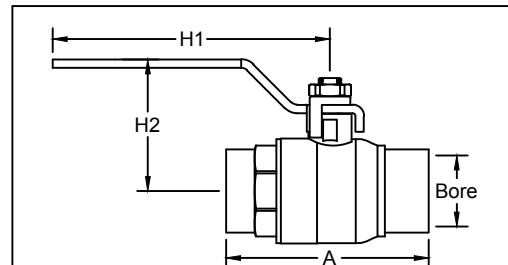
DIMENSIONS

Brass Ball Valve BV & BVM Series



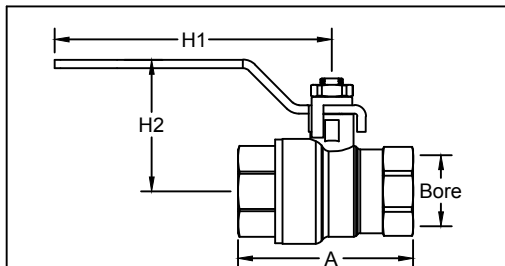
FULL PORT - FPT x FPT

MODEL	SIZE	A	BORE	H1	H2	WEIGHT
BVF25FF	1/4"	1.5	0.40	2.5	1.5	0.2
BVF38FF	3/8"	1.8	0.40	2.5	1.5	0.2
BVF1FF	1/2"	2.1	0.59	3.5	1.8	0.4
BVF2FF	3/4"	2.4	0.79	3.5	1.8	0.6
BVF3FF	1"	2.8	0.98	4.6	2.8	1.0
BVF4FF	1-1/4"	3.2	1.26	4.6	2.8	1.3
BVF5FF	1-1/2"	3.6	1.57	5.5	2.8	2.0
BVF6FF	2"	4.3	1.97	6.2	3.1	3.0
BVF7FF	2-1/2"	5.5	2.56	8.5	4.2	7.0
BVF8FF	3"	6.2	3.15	8.5	4.7	10.0



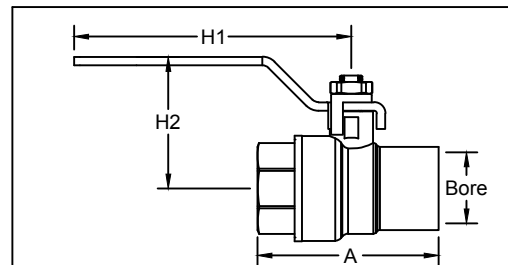
FULL PORT - SWT x SWT

MODEL	SIZE	A	BORE	H1	H2	WEIGHT
BVF1SS	1/2"	3.5	0.55	3.5	1.8	0.5
BVF2SS	3/4"	3.7	0.75	3.5	1.8	0.7
BVF3SS	1"	4.5	0.94	4.6	2.8	1.1
BVF4SS	1-1/4"	5.5	1.22	4.6	2.8	1.7
BVF5SS	1-1/2"	5.5	1.50	5.5	2.8	2.3
BVF6SS	2"	5.9	1.90	6.2	3.1	3.5



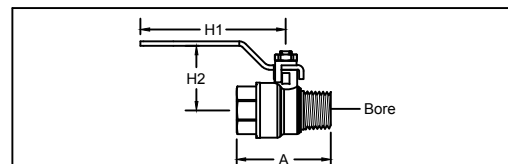
STANDARD PORT - FPT x FPT

MODEL	SIZE	A	BORE	H1	H2	WEIGHT
BVS1FF	1/2"	2.1	0.39	3.5	1.8	0.5
BVS2FF	3/4"	2.3	0.58	3.5	1.8	0.7
BVS3FF	1"	2.8	0.75	4.6	2.8	1.1
BVS4FF	1-1/4"	3.1	0.94	4.6	2.8	1.7
BVS5FF	1-1/2"	3.5	1.25	5.5	2.8	2.3
BVS6FF	2"	4.1	1.50	6.2	3.1	3.5
BVS7FF	2-1/2"	4.7	2.00	6.2	4.2	4.0
BVS8FF	3"	5.7	2.50	8.5	4.7	7.0



STANDARD PORT - SWT x SWT

MODEL	SIZE	A	BORE	H1	H2	WEIGHT
BVS1FS	1/2"	2.4	0.39	3.5	1.8	0.5
BVS2FS	3/4"	2.5	0.58	3.5	1.8	0.6
BVS3FS	1"	3.1	0.75	4.6	2.8	1.0
BVS4FS	1-1/4"	3.4	0.94	4.6	2.8	1.4
BVS5FS	1-1/2"	3.9	1.25	5.5	2.8	2.0
BVS6FS	2"	4.6	1.50	6.2	3.1	3.1



1/4" MINI BALL VALVE

MODEL	A	BORE	H1	H2	WEIGHT
MV025 (MPT x FPT)	1.6	0.40	2.5	1.1	0.17
MV025F (FPT x FPT)	1.5	0.40	2.5	1.1	0.19

NOTE: All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications. The sweat size listed is nominal and will differ from the actual, measurable size.