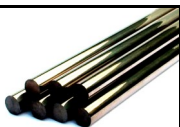








INSTRUMENTATION BALL VALVES

CONSTRUCTION	• CA360 Brass	
APPLICATIONS	<ul style="list-style-type: none"> • Panel Applications • Vacuum Service • Oxygen Service • U.L. Approved for Refrigerant Service 	
RANGES	<ul style="list-style-type: none"> • Maximum Pressure : 1500 PSIG • Temperature: -40° F to +300° F (Standard) -40° F to +400° F (Special) 	 

FEATURES/BENEFITS
<ul style="list-style-type: none"> • Bar-Stock Brass Body • Double O-Ring Stem Seal • 20,000 Leak Free Cycles • Blow Out Proof Stem • Metal Retainer Seal • Made in USA  • Guaranteed Quality

360 & 390 SERIES INSTRUMENTATION VALVES

The Double O-Ring Stem Seals provide 20,000 leak-free performance cycles! Our valves also have an exclusive stem seal design that never needs tightening and can be panel mounted for instrumentation applications. For systems with a working pressure up to 1,500 p.s.i.g.

UL VALVE ADVANTAGES

Valves UL approved for refrigerants feature an o-ring made of specially blended neoprene. The special blend resists compression set when exposed to the drying effects of refrigerant gas. Additionally, the blended o-rings outlast other various o-rings materials and a tighter o-ring seal is maintained, eliminating refrigerant loss.

**We encourage specials! If you don't see a configuration available in our catalog don't be discouraged, please contact our sales team directly so we can make sure you're getting the best valve for your application. Email sales@robo-fit.com with details.*



MADE IN USA

360BV FPT x MPT

PART NUMBER	FPT	MPT	CV	ORIFICE
360BV-J	1/8"	1/8"	1.39	.235
360BV-L	1/4"	1/4"	1.57	.25
360BV-N	3/8"	3/8"	2.74	.33
360BV-P	1/2"	1/2"	2.74	.33



390BV 90° FPT x MPT

PART NUMBER	FPT	MPT	CV	ORIFICE
390BV-LXL	1/4"	1/4"	1.57	.25



361BV MPT x MPT

PART NUMBER	MPT	MPT	CV	ORIFICE
361BV-J	1/8"	1/8"	1.39	.235
361BV-L	1/4"	1/4"	1.57	.25
361BV-N	3/8"	3/8"	2.74	.33
361BV-P	1/2"	1/2"	2.74	.33



391BV 90° MPT x MPT

PART NUMBER	MPT	MPT	CV	ORIFICE
391BV-JXJ	1/8"	1/8"	1.39	.235
391BV-LXL	1/4"	1/4"	1.57	.25
391BV-NXN	3/8"	3/8"	2.74	.33
391BV-PXP	1/2"	1/2"	2.74	.33



362BV FPT x FPT

PART NUMBER	FPT	FPT	CV	ORIFICE
362BV-J	1/8"	1/8"	1.57	.25
362BV-L	1/4"	1/4"	1.57	.25
362BV-N	3/8"	3/8"	2.74	.33
362BV-P	1/2"	1/2"	2.74	.33



392BV 90° FPT x FPT

PART NUMBER	FPT	FPT	CV	ORIFICE
392BV-JXJ	1/8"	1/8"	1.57	.25
392BV-LXL	1/4"	1/4"	1.57	.25
392BV-NXN	3/8"	3/8"	2.74	.33
392BV-PXP	1/2"	1/2"	2.74	.33



364BVS COMPRESSION x COMPRESSION

PART NUMBER	O.D. TUBE	CV	ORIFICE
364BVS-2	1/8"	.22	.093
364BVS-4	1/4"	.88	.187
364BVS-6	3/8"	1.57	.25
364BVS-8	1/2"	2.74	.33



**Featuring Shur-Loc Tube Ends*

394BV 90° COMPRESSION x COMPRESSION

PART NUMBER	O.D. TUBE	CV	ORIFICE
394BVS-2	1/8"	.22	.093
394BVS-4	1/4"	.88	.187
394BVS-6	3/8"	1.57	.25
394BVS-8	1/2"	2.74	.33







**Featuring Shur-Loc Tube Ends*




MADE IN USA



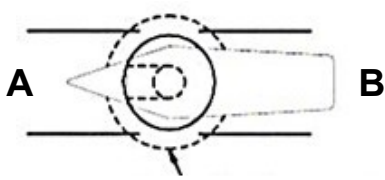
3200 SERIES BALL VALVES

CONSTRUCTION	• CA360 Brass	
APPLICATIONS	<ul style="list-style-type: none"> • Panel Applications • Vacuum Service • Oxygen Service • U.L. Approved for Refrigerant Service 	
RANGES	<ul style="list-style-type: none"> • Maximum Pressure : 1500 PSIG • Temperature: -40° F to +300° F (Standard) -40° F to +400° F (Special) 	 

FEATURES/BENEFITS
<ul style="list-style-type: none"> • Bar-Stock Brass Body • Double O-Ring Stem Seal • 20,000 Leak Free Cycles • Blow Out Proof Stem • Metal Retainer Seal • Made in USA  • Guaranteed Quality

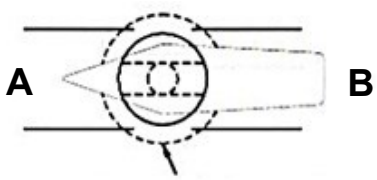
PORTING OPTIONS

STYLE "A"



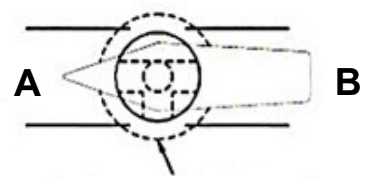
PORT C
(Bottom)

STYLE "B"



PORT C
(Bottom)

STYLE "C"



PORT C
(Bottom)

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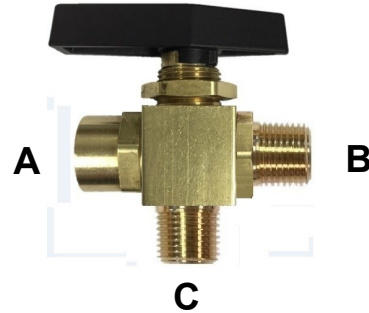


MADE IN USA

3201BV SERIES 3-WAY BALL VALVES, FPT x MPT x MPT

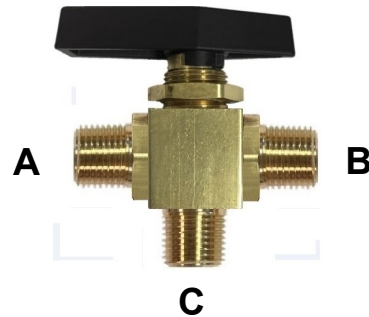
PART NUMBER	PORT A	PORT B	PORT C	CV
3201BV-PPXP	1/2" FPT	1/2" MPT	1/2" MPT	2.74

**Valves to Read: Left, Right, Middle*



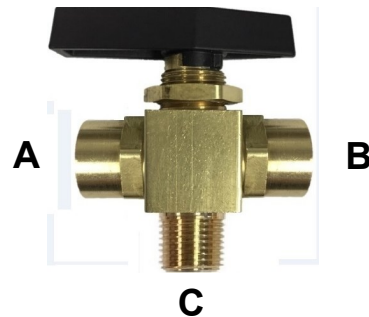
3211BV SERIES 3-WAY BALL VALVES, MPT x MPT x MPT

PART NUMBER	PORT A	PORT B	PORT C	CV
3211BV-JJXJ	1/8" MPT	1/8" MPT	1/8" MPT	1.57
3211BV-LLXL	1/4" MPT	1/4" MPT	1/4" MPT	1.57
3211BV-NNXN	3/8" MPT	3/8" MPT	3/8" MPT	2.74
3211BV-PPXP	1/2" MPT	1/2" MPT	1/2" MPT	2.74



3221BV SERIES 3-WAY BALL VALVES, FPT x FPT x MPT

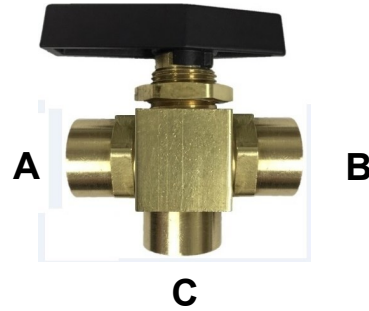
PART NUMBER	PORT A	PORT B	PORT C	CV
3221BV-LLXL	1/4" FPT	1/4" FPT	1/4" MPT	1.57



MADE IN USA

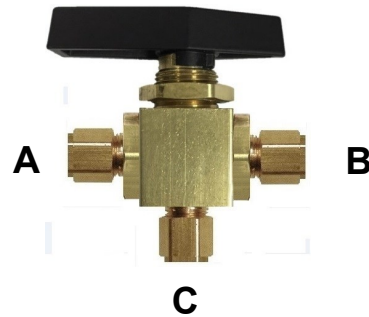
3222BV SERIES 3-WAY BALL VALVES, FPT x FPT x FPT

PART NUMBER	PORT A	PORT B	PORT C	CV
3222BV-JJXJ	1/8" FPT	1/8" FPT	1/8" FPT	1.57
3222BV-LLXL	1/4" FPT	1/4" FPT	1/4" FPT	1.57
3222BV-NNXN	3/8" FPT	3/8" FPT	3/8" FPT	2.74
3222BV-PPXP	1/2" FPT	1/2" FPT	1/2" FPT	2.74



3244BVS SERIES 3-WAY BALL VALVES, COMPRESSION ALL ENDS

PART NUMBER	PORT A	PORT B	PORT C	CV
3244BVS-2	1/8" Compression	1/8" Compression	1/8" Compression	.22
3244BVS-4	1/4" Compression	1/4" Compression	1/4" Compression	.88
3244BVS-6	3/8" Compression	3/8" Compression	3/8" Compression	2.74
3244BVS-8	1/2" Compression	1/2" Compression	1/2" Compression	2.74



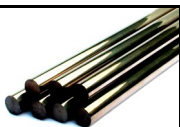



**Featuring Shur-Loc Tube Ends*




MADE IN USA



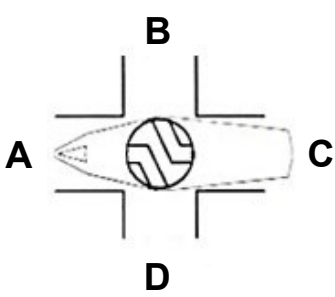
4100 SERIES BALL VALVES

CONSTRUCTION	• CA360 Brass	
APPLICATIONS	<ul style="list-style-type: none"> • Panel Applications • Vacuum Service • Oxygen Service • U.L. Approved for Refrigerant Service 	
RANGES	<ul style="list-style-type: none"> • Maximum Pressure : 1500 PSIG • Temperature: -40° F to +300° F (Standard) -40° F to +400° F (Special) 	 

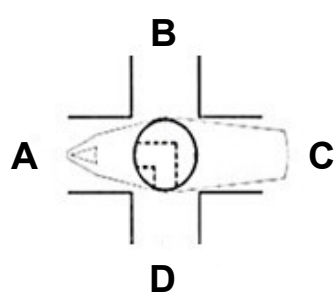
FEATURES/BENEFITS
• Bar-Stock Brass Body
• Double O-Ring Stem Seal
• 20,000 Leak Free Cycles
• Blow Out Proof Stem
• Metal Retainer Seal
• Made in USA 
• Guaranteed Quality

PORTING OPTIONS

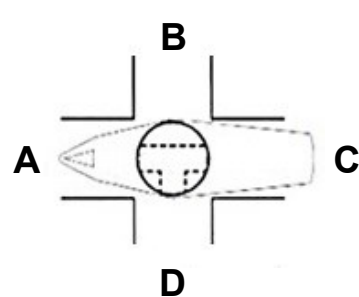
STYLE "E"



STYLE "T"



STYLE "Y"



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MADE IN USA

4022BV SERIES 3-WAY BALL VALVES, FPT ALL ENDS

PART NUMBER	SIDE CONNECTION ONLY	CV	ORIFICE
4022BV-JJXJ	1/8" FPT	.64	.16
4022BV-LLXL	1/4" FPT	.64	.16
4022BV-NNXN	3/8" FPT	3.53	.375
4022BV-PPXP	1/2" FPT	3.53	.375



**Any individual port can be plugged to provide a side outlet three way valve.*

4122BVE SERIES 4-WAY BALL VALVES, FPT ALL ENDS

PART NUMBER	SIDE CONNECTION ONLY	CV	ORIFICE
4122BVE-JJXJ	1/8" FPT	.64	.16
4122BVE-LLXL	1/4" FPT	.64	.16
4122BVE-NNXN	3/8" FPT	.8	.187
4122BVE-PPXP	1/2" FPT	.8	.187



4122BVT SERIES 4-WAY BALL VALVES, FPT ALL ENDS

PART NUMBER	SIDE CONNECTION ONLY	CV	ORIFICE
4122BVT-JJXJ	1/8" FPT	.64	.16
4122BVT-LLXL	1/4" FPT	.64	.16
4122BVT-NNXN	3/8" FPT	3.53	.375
4122BVT-PPXP	1/2" FPT	3.53	.375



4122BVY SERIES 4-WAY BALL VALVES, FPT ALL ENDS

PART NUMBER	SIDE CONNECTION ONLY	CV	ORIFICE
4122BVY-JJXJ	1/8" FPT	.64	.16
4122BVY-LLXL	1/4" FPT	.64	.16
4122BVY-NNXN	3/8" FPT	3.53	.375
4122BVY-PPXP	1/2" FPT	3.53	.375



MADE IN USA