

The 222CB is a 2-way normally closed valve for air, water, and steam applications.

Features

- Forged brass body with large wrench flats
- Repair kits available



Options

- Optional Voltages: 480, 120-240 & 240-480/50-60 Hz

Specifications

- 3/8" & 1 1/2" NPT Solenoids
- Rulon Seat Material
- Watts: 12 @ 60Hz
- VA Inrush: 38
- VA Holding: 19
- Maximum working pressure: 300 psi
- Minimum Operating Pressure Differential : 5 psi
- Standard Voltages: 24, 120, 208-240/50-60 Hz
- UL/CUL file number: MP604

Weights:	Pipe Size	
	3/8, 1/2	1 lb. 8 oz.
	3/4	3 lbs.
	1	4 lbs. 4 oz.
	1-1/4	6 lbs. 2 oz.
	1-1/2	8 lbs. 6 oz.

Ordering Information *

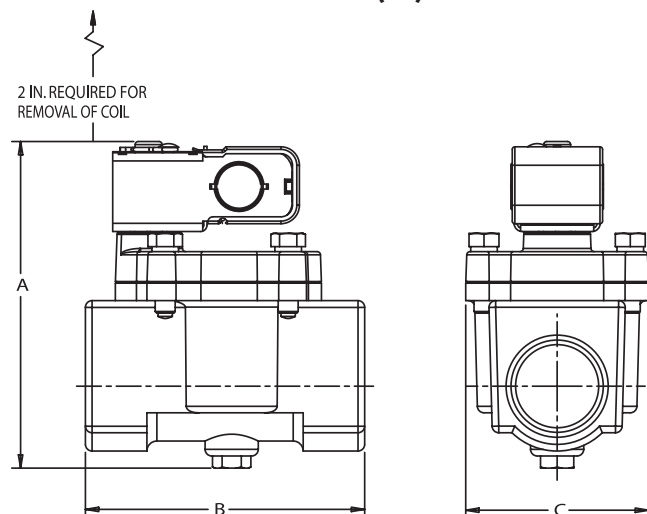
Pipe Size	Orifice Size	M.O.P.D ²	Cv	Max. AC Fluid Temp. ¹	Recommended Coils			Description	PCN	Elastomer
		AC			Size	Insulation	Enclosure			
Brass General Purpose										
3/8	1/2	250	3.5	180°F	<u>A</u> 12 Watts @ 60 Hz	<u>M</u> Class F Molded	<u>G</u> Junction Box	222CB3/8B1/2B		BUNA-N
1/2	1/2		3.5					222CB1/2B1/2B	039917	
3/4	3/4		7.0					222CB3/4B3/4B	028192	
1	1		13.0					222CB1B1B	039931	
1-1/4	1-1/4		16.0					222CB1-1/4B1-1/4B	039918	
1-1/2	1-1/2		25.0					222CB1-1/2B1-1/2B	038879	
Brass Steam										
1/2	1/2	150	3.5	400°F	<u>A</u> 12 Watts @ 60 Hz	<u>H</u> Class F Molded	<u>G</u> Junction Box	222CB1/2B1/2T	037958	Rulon with Ethylene Propylene Gaskets
3/4	3/4		7.0					222CB3/4B3/4T	039930	
1	1		13.0					222CB1B1T	039834	
1-1/4	1-1/4		16.0					222CB1-1/4B1-1/4T	040532	
1-1/2	1-1/2		25.0					222CB1-1/2B1-1/2T	040582	
Brass Steam										
3/4	3/4	150	7.0	400°F	Same As Above			222CB- 3/4 B-3/4 P	041314	Ethylene Prop.

¹With an ambient temperature of 77°F.

²Maximum Operating Pressure Differential.

*VLC - See coil assemblies for availability.

222CB Dimensional Data (in)



Orifice Size	A*	B	C
1/2	4.59	2.47	1.63
3/4	4.91	3.25	2.06
1	5.38	4.06	2.63
1 1/4	5.66	4.56	3.00
1 1/2	6.16	5.25	3.44

* Add 0.97 for Manual Override

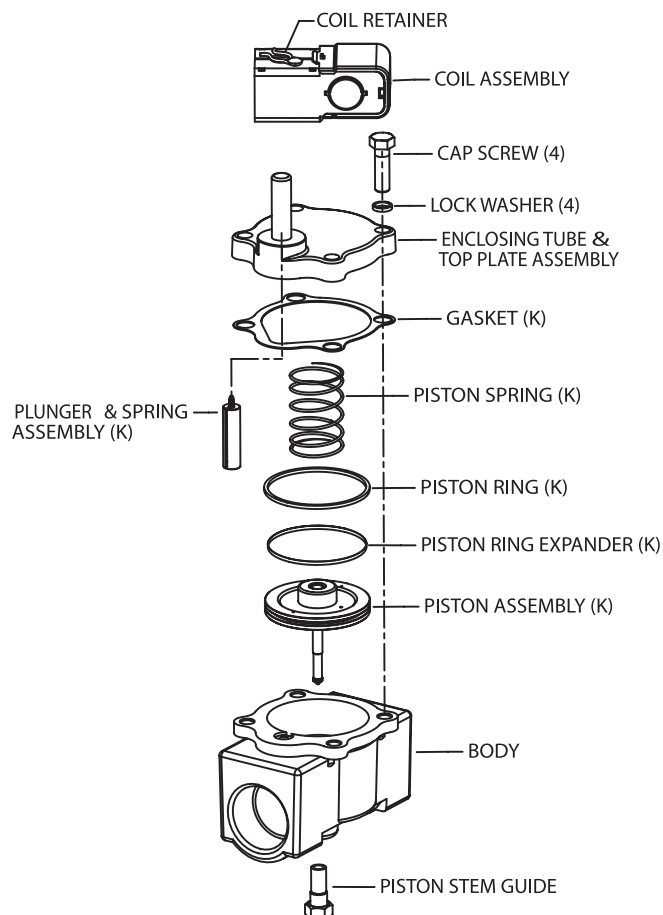
Valve Options

Options	To Order
Manual Override (not for steam) Field Installed	Add suffix "M" to catalog number.

222CB Valve Repair Kits

Seat Material	Orifice Size - NPT									
	3/8 & 1/2	PCN	3/4	PCN	1	PCN	1-1/4	PCN	1-1/2	PCN
Buna-N	K-1116	030765	K-1120	037558	K-1124	028955	K-1128	031349	K-1132	028956
Rulon	K-1118	029235	K-1122	021109	K-1126	034178	K-1130	034047		
Ethylene Propylene			K-1121	040680						

Exploded View



Valve Repair Kit

"K" indicates part is supplied in valve repair kit.

Coil Assembly

See coil assemblies for availability.