

# ATKOMATIC

## JJ Series

Bronze, Pilot-piston, Pressure 5 to 250 psig (0.4 to 17 bar)  
General Purpose Air, Water, and Light Oil (150 SSU max.) Value



### Features

- Pressures to 250 psig (17 bar)
- Fluid temperatures from  $-65^{\circ}\text{F}$  to  $+180^{\circ}\text{F}$  ( $-54^{\circ}\text{C}$  to  $+82^{\circ}\text{C}$ )
- Pipe sizes from  $\frac{1}{4}$ " through 2" (British BSPT ports available)
- Full ported valves: Cv from 1.4 to 46
- Pilot operated: require a minimum pressure differential of 5 psig
- Bronze or brass valve material
- Buna N pilot seat, piston seat, and body o-ring seals
- Class B and class H coils are available
- Coil housing - Nema 1
- Treated 416 stainless steel plunger material for increased corrosion resistance

### Operational Pressures (5 psid minimum pressure differential)

GASES		LIQUIDS TO 40 SUS		LIQUIDS OVER 40 SUS	
AC	DC	AC	DC	AC	DC
250	150	150	100	75	50

### Circle Seal Controls

2301 Wardlow Circle • P.O. Box 3300 • Corona, CA 92880

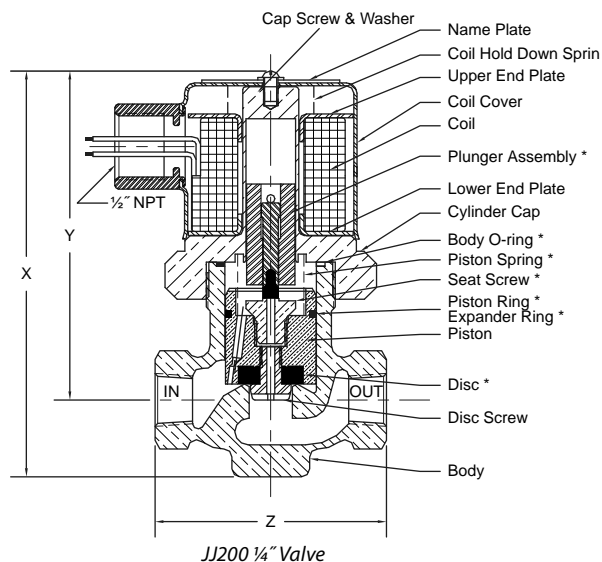
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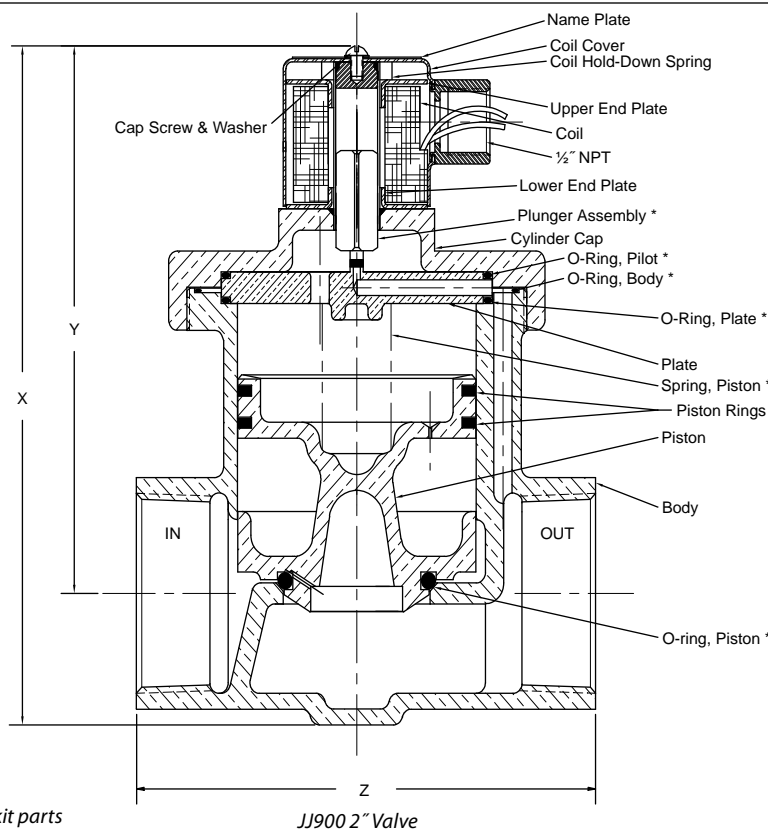
atkomatic solenoid

# JJ Series

## Dimensions, Shipping Weights, and Cv Flow Factors



\* Repair kit parts



CATALOG NUM. PREFIX	PIPE SIZE	MAIN SEAT ORIFICE DIA.	X	Y	Z	SHIPPING WEIGHT (lbs)	Cv
JJ200	1/4"	1/2"	4 3/4"	3 7/8"	2 1/16"	3	1.4
JJ300	3/8"	1/2"	4 3/4"	3 7/8"	2 1/16"	3	2.7
JJ400	1/2"	1/2"	4 3/4"	3 7/8"	3"	4	3.5
JJ500	3/4"	1"	5 1/4"	4"	3 3/4"	5	7.5
JJ600	1"	1"	5 1/4"	4"	3 3/4"	5	9.1
JJ700	1 1/4"	1 1/2"	7"	5 1/8"	5 1/8"	13	19.5
JJ800	1 1/2"	1 1/2"	7"	5 1/8"	5 1/8"	13	21.0
JJ900	2"	2"	8 1/8"	6 1/2"	6 1/4"	16	46.0

## How to Order

JJ x 00 - x x x x

### CONNECTION SIZES

2 1/4"      6 1"  
3 3/8"      7 1 1/4"  
4 1/2"      8 1 1/2"  
5 3/4"      9 2"

### VOLTAGE AC/60 Hz

0 DC voltage      5 230-60 VAC  
1 24-60 VAC      6 460-60 VAC  
2 100-60 VAC      7 110-50 VAC  
3 115-60 VAC      8 220-50 VAC  
4 200-60 VAC      9 380-50 VAC

### CONNECTION TYPE

P NPT

### COIL INSULATION RATING

B Class B 155° C  
H Class H 180° C

### VOLTAGE DC

0 AC voltage  
1 12 VDC  
2 24 & 32 VDC  
3 48 VDC  
4 100 VDC  
5 125 VDC  
6 250 VDC