

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°F to $+180^{\circ}\text{F}$ (-54°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

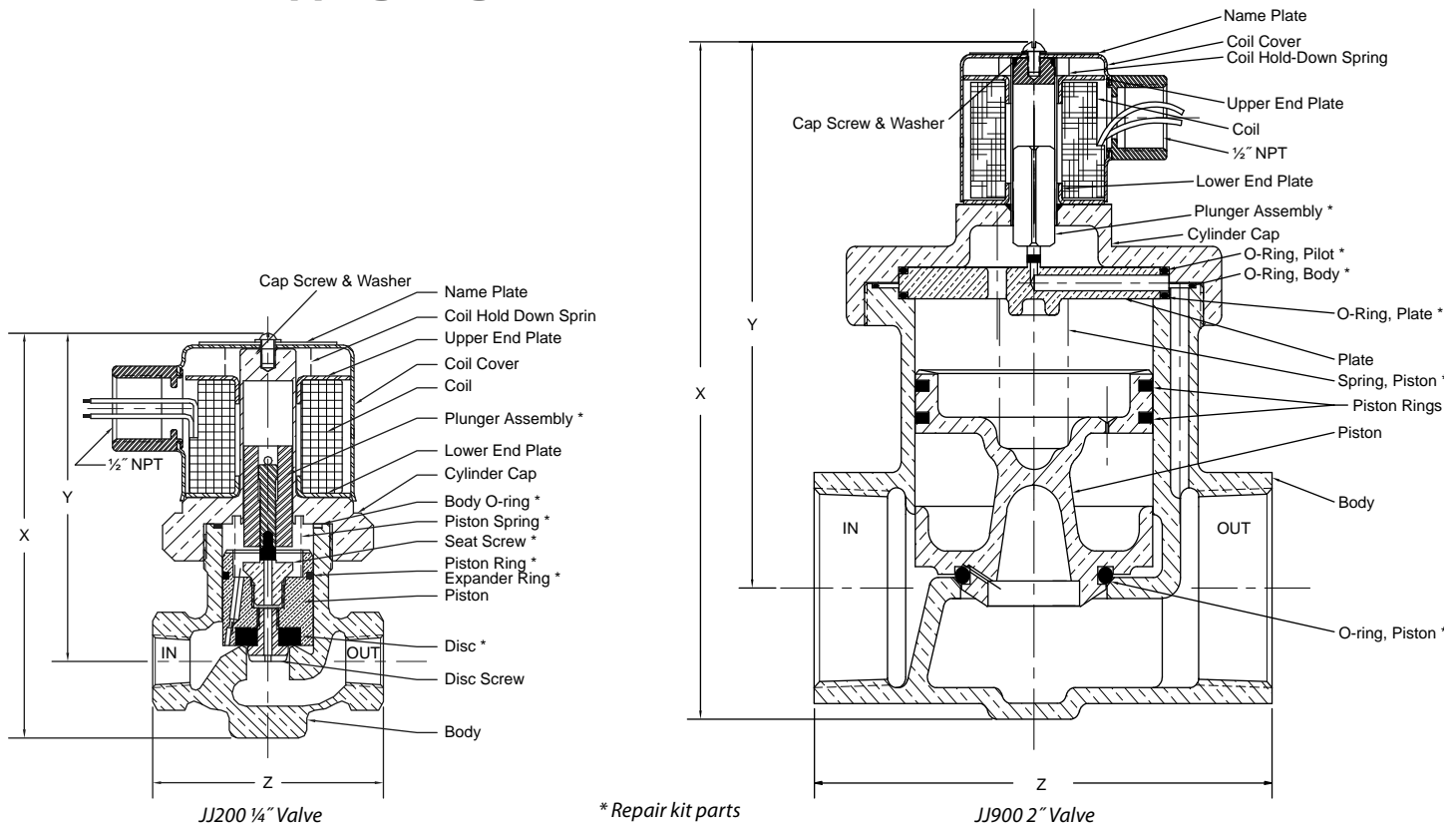
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atkomatic solenoid

JJ Series

Dimensions, Shipping Weights, and Cv Flow Factors



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 1/2"	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