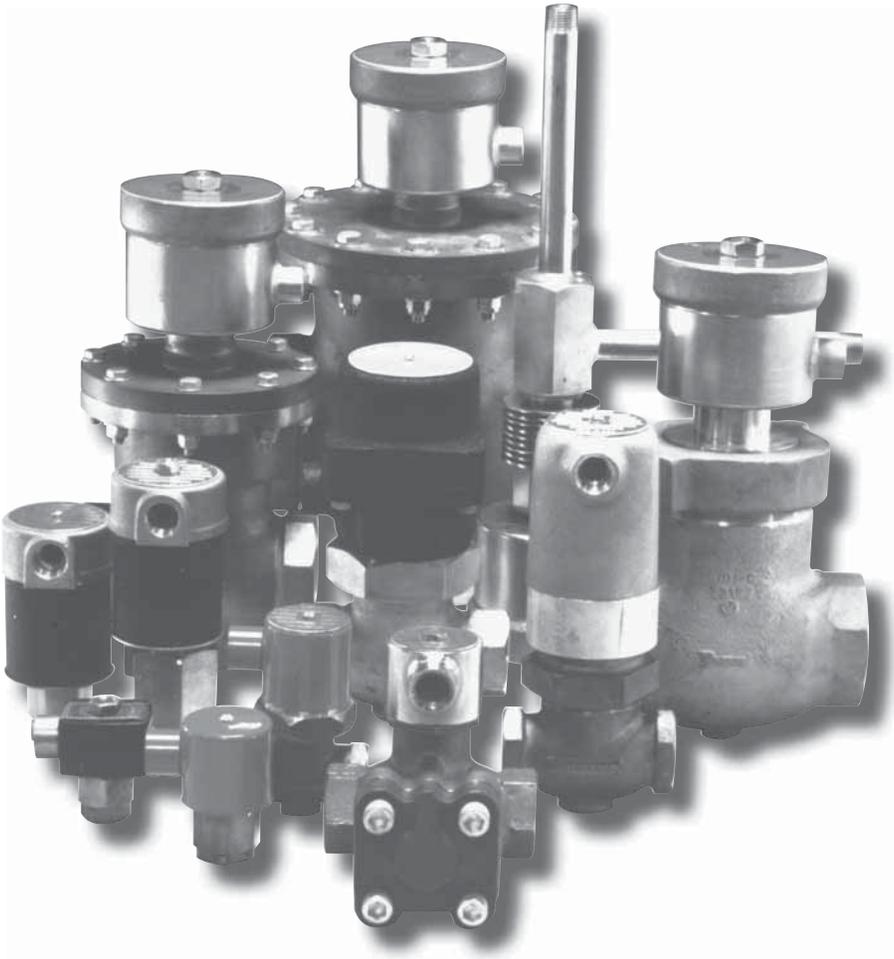


# ATKOMATIC

## ATKOMATIC Solenoid Valves *Index*

Product Line Overview	1	8000 Series	36
How to Order	3	12000 Series	39
Product Matrix	6	13000 Series	41
JJ Series	8	14000 Series	44
HS Series	10	15400 Series	46
15-794 Series	12	15800 Series	49
500 Series	14	16000 Series	51
1000 Series	18	30400 Series	55
2000 Series	21	30800 Series	59
3000 Series	24	35800 Series	62
4000 & 5000 Series	27	40000 Series	65
6000 Series	31	50000 Series	68
7000 Series	34	Options	71



*atkomatic solenoid*

### Circle Seal Controls

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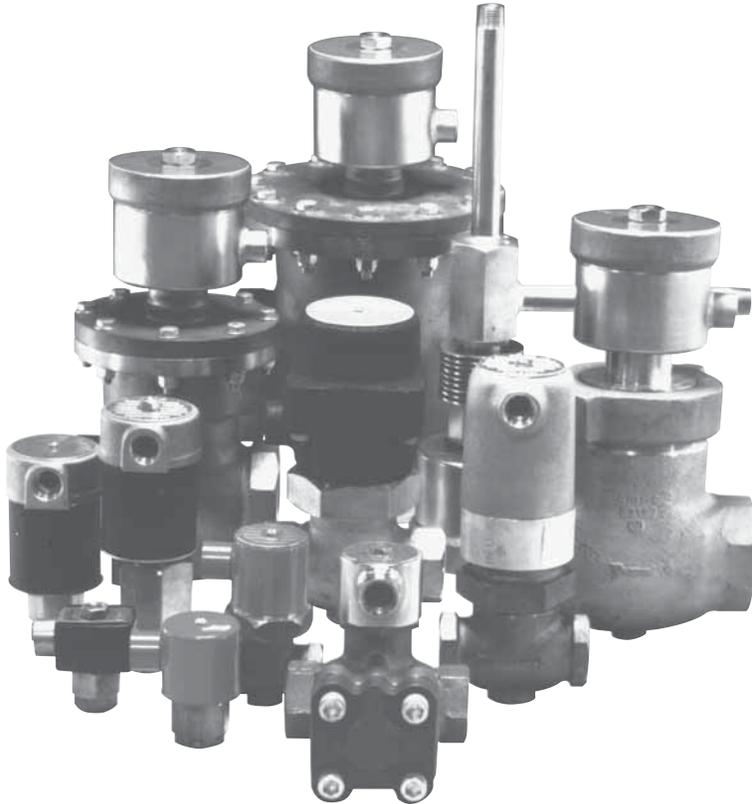
Phone (951) 270-6200 Fax (951) 270-6201

[www.circlesealcontrols.com](http://www.circlesealcontrols.com)

# ATKOMATIC

## ATKOMATIC Solenoid Valves

Heavy-duty Process Solenoid Valves for Clean Air, Gases, Liquids, Steam, Corrosive Fluids & Cryogenic Fluids



atkomatic solenoid

### Overview of Product Line

#### General

- Solenoid valves to meet a wide variety of industrial applications
- 2 position, 2-way valves (one 3-Way valve)
- Most are globe style valves with piston poppets (some barstock direct lift)
- Gravity close, with spring and fluid pressure assist
- Most are in-line mounted full ported using pipe threads
- Many are available either normally open or normally closed
- Built to handle all types of clean fluid including air, water, oil, steam, cryogenics, fuels, caustics, refrigerants, and solvents

#### Performance Ranges

- Pressure: vacuum to 10,000 psi (690 bar)
- Fluid temperatures: -423° F (-253° C) to +500° F (+260° C) [+750° F (+399° C) some models]
- Pipe sizes from 1/8" to 3" (Cv from 0.02 to 71)

#### Materials of Construction

- 316 stainless steel & naval bronze or brass
- Seat material selection:  
Elastomer: Buna N, Viton®, EPR  
Plastic: PTFE, PCTFE  
Metal: stainless, brass

All plunger and magnetic stop materials are electroless nickel-plated 416 or 430 stainless steels. Some AC valves have shading rings made of silver or copper. See [page 21 of the Atkomatic Technical Manual for details](#)

#### Actuators

- Solenoids rated for continuous duty (operational pressure values for normally open valves are based on intermittent duty only)
- Class H and class B available
- Available with NEMA  
Type 1 housing: standard  
Type 4 housings: waterproof  
Type 7 and 9 housings: explosion-proof for hazardous locations

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