

The **Jorcote seat** and **short stroke** makes the Jordan Valve sliding gate an ideal alternative to a globe or rotary control valves.

BASIC SPECIFICATIONS

- ANSI 300;
- 450°F
- 1/2" - 8"
- DI, BR, CS, S6, Alloys
- ANSI Class IV Shutoff

SLIDING GATE ADVANTAGES

- **Straight through flow** reduces turbulence and wear, leading to superior trim life
- **Short stroke** gives faster response, longer packing life, and less energy consumption
- **Metal-to-metal disc-plate seat** minimizes valve chatter and reduces noise
- **Sliding Gate seats** are self-cleaning and self-lapping, reducing waste and cost
- **Jorcote disc coating** has a low coefficient of friction for minimal wear and smooth action
- **Disc-plate overlap** creates an “area of closure,” not a “line of closure,” for better shut off over the life of the valve.
- **Disc-plate design with multiple openings** provides more accurate control
- **Operating Cv = Failure Cv**

INDUSTRY APPLICATIONS

- Tank heating
- Steam tracing
- Heat exchangers
- Air drying
- Cooling
- Utility
- Petroleum
- Refining
- Chemical
- Food & Beverage



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513-533-5600

Series	Type	Size Range	Cv	Shutoff Class	Key Feature / Option
CONTROL VALVES					
70	Pneumatic Control Valve	1/4" - 2"	0.84-30	ANSI Class IV	High rangeability
75	Pneumatic Control Valve	1" - 8"	9.5 - 600	ANSI Class IV	Wafer style, light weight
75 PTP	Smart Top Mounted Positioner	1" - 2"	9.5- 72	ANSI Class IV	Compact wafer style
79 / 79 MX	3-Way Pneumatic Control Valve	1 1/2" - 3"	15 - 115	ANSI Class IV	Mixing / Diverting
707	Pneumatic Control Valve	1/2" - 6"	2.5 - 230	ANSI Class IV	Equal percentage flow characteristic
ELECTRIC MOTOR OPERATED CONTROL VALVES					
33	Electric Control Valve	1/4" - 2"	2.5 - 70	ANSI Class IV	Boiler feedwater valve
37	Electric Control Valve	1/4" - 6"	2.5 - 395	ANSI Class IV	Final control element
39 / 39 MX	3-Way Electric Control Valve	1 1/2" - 2"	15 - 30	ANSI Class IV	Mixing / Diverting
75 MV	Electric Control Valve	1" - 4"	9.5-180	ANSI Class IV	Motor Operated
INDUSTRIAL CONTROL VALVES					
40 / 46	Float / Lever Op. Control Valve	1/2" - 6"	2.5 - 395	ANSI Class IV	Level control of tanks
44	Adjustable Cam Control Valve	1/2" - 1"	0.4 - 1.7	ANSI Class IV	Easy adjustment

Note: Each series may have additional models or options which substantially expand the series' capabilities. Reduced Cv's can be used in any size valve as long as it is smaller than the standard size of the valve.