



Jordan Control Valve Series



JCVS Globe Style Control Valves

Mark ED and ET Globe Style Control Valves

The Mark ED and ET are single port, globe style bodies with composition or metal seats, and a balanced valve plug with “push down to close” action. The Mark ED is intended for general control applications over a wide variety of temperature and pressure drops. The Mark ET has a balanced tight shut off, and is used in applications requiring low leakage rates.

Sizes	1"-8"
Pressure Classes	ASME Class 150, 300 and 600
End Connections	Raised Face, or Ring Type Joint flanges
Body Materials	LCC, WCB, WCC, WC9, C5, Monel, CF8M (SST), Others on request
Flow Characteristics	Linear, Quick Opening or Equal Percentage
Shutoff	Mark ET: ANSI Class IV & V; Mark ED: ANSI Class II & III



Mark EZ Globe Style Control Valves

The Mark EZ valves are globe style valves with integral end connections, post guiding and features quick change trim.

Sizes	1"-4"
Pressure Classes	ASME Class 150, 300 and 600
End Connections	Raised Face, or Ring Type Joint flanges
Body Materials	LCC, WCB, WCC, WC9, C5, Monel, CF8M (SST), Others on request
Flow Characteristics	Linear, Quick Opening or Equal Percentage
Shutoff	ANSI Class IV, V and VI



Mark EW Series Globe Style Control Valves

The Mark EW valve bodies are single port, globe style bodies with cage guiding, clamped seat rings and push down to close valve plug action. The series features large end connections and expanded internal flow cavities.

Sizes	8 x 6, 10 x 8, 12 x 6, 16 x 12, 20 x 16, 24 x 16, 24 x 20
Pressure Classes	ASME Class 150 through 900
End Connections	Raised Face, Ring Type Joint, and welded flanges.
Body Materials	LCC, WCB, WCC, WC9, C5, Monel, CF8M (SST), Others on request
Flow Characteristics	Linear, Quick Opening or Equal Percentage
Shutoff	Mark EWD: Class II, III & IV; Mark EWS: Class IV, V & VI Mark EWT: Class IV & V



JCVS Globe and Angle Style Control Valves

Mark D Series Globe and Angle Style Control Valves

The Mark D Series is a single port, screwed-in metal seated globe style valve, with an unbalanced post-guided plug, and “push down to close” plug action for use in high pressure applications. The Mark D valve is especially useful for throttling or on/off control of liquids or gases.

Sizes	1" & 2"
Pressure Classes	ASME Class 150-2500
End Connections	Mark D: cast integral flanges, welded flanges, screwed or socket weld connections; Mark DA: welded flanges, screwed or socket welded end connections
Body Materials	LCC, WCB, WCC, WC9, C5, Monel, CF8M (SST), Others on request
Flow Characteristics	Equal percentage
Shutoff	Class IV and V



Mark DBAQ Angle Style Control Valves

The Mark DBAQ is a single port metal seated valve with push down to close valve plug action, which is available in Angle style bodies. The Mark DBAQ Series is ideally suited for high pressure water and steam applications.

Sizes	2"
Pressure Classes	ASME Class 1500 & 2500
End Connections	Raised Face (RF), Ring Type Joint (RTJ), National Pipe Thread (NPT), or Butt Weld Flanges
Body Materials	LCC, WCB, CF8M (316SS), Others on request
Flow Characteristics	Equal percentage
Shutoff	Class IV and V



Mark HPX and HPAX Globe and Angle Style Control Valves

Mark HPX Control Valves are designed for high pressure applications in the process industry. Valves are cage guided, with metal seats and quick change trim. Balanced plugs are push down to close. The Mark HPX is a straight globe valve while the Mark HPAX is an angled valve.

Sizes	2", 3", 4" & 6"
Pressure Classes	ASME Class 900-2500
End Connections	Raised Face, Ring Type Joint, NPT, or welded flanges.
Body Materials	LCC, WCB, WCC, WC9, C5, Monel, and CF8M (SST), Others on request
Flow Characteristics	Linear, Equal percentage and Quick opening
Shutoff	Class II & V



JCVS Control Valves

Mark H900/ H1500/ H2500 Globe Style Control Valves

The Mark H2D is a single port, globe style body with cage guiding, and balanced valve plug with push down to close action. Metal seat, piston rings are used to provide the seal between the valve plug and cage. The Mark H5T is a single port, globe style body with cage guiding, balanced valve plug, metal seat, and pressure assisted spring seal to provide the seal between the valve plug and cage.

Sizes	3", 4" & 6"
Pressure Classes	ASME 900 through 2500
End Connections	Raised Face, Ring Type Joint, or welded flanges
Body Materials	LCC, WCB, CF8M, CF3M, WCC, Others on request
Flow Characteristics	Linear, Equal percentage and Quick opening
Shutoff	Class II, III, IV & V



Mark 128PQC Control Valves

The Mark 128 PQC Control Valves are single port valves with an unbalanced stem-guided valve plug and push down to close valve plug action. Operated by a Mark 128 spring and diaphragm actuator, the assembly can be operated in a normally open or normally closed application.

Sizes	1"
Pressure Classes	3600 psi @ 100°F
End Connections	NPT
Body Materials	WCB
Flow Characteristics	Quick Opening with a 45° taper plug
Shutoff	Class IV



Mark V-100 Rotary Control Valves

The Mark V-100 Ball Valve design utilizes a standard ball with a triangular shaped wedge formed in it. This design allows for both throttling control and on/off service used in conjunction with a variety of actuators.

Sizes	2-12"
Pressure Classes	ASME Class 150, 300 & 600
End Connections	Wafer Style (flangeless)
Body Materials	LCC, WCB, CF8M (316SS), Others on request
Flow Characteristics	Modified equal percentage with forward flow into the convex side of the V-ball
Shutoff	Class IV



JCVS Control Valves

Mark 78 Globe Style Control Valves

The Mark 78 pneumatic control valve is designed for accurate performance and simplified maintenance. This versatile product can be used on a variety of applications, including viscous/corrosive liquids, process gases or utility steam in process or utility service.

Sizes	1/2" through 2"
Pressure Classes	ASME Class 150 & 300
End Connections	NPT, BSPT, BSPP
Body Materials	Bronze, Carbon Steel and Stainless Steel
Flow Characteristics	Equal Percentage, Linear, Quick Opening and Equal-linear Combination
Shutoff	Class VI with soft seat, Class IV with hard seat



Mark 70 Sliding Gate Control Valves

The Mark 70 Series is a line of pneumatically-operated diaphragm control valves that combine multiple spring actuators with the precision of Jordan Valve's advanced sliding gate seat for closer control and greater accuracy.

Sizes	1/4" through 2"
Pressure Classes	ASME Class 150 & 300
End Connections	NPT, BSPT, BSPP
Body Materials	Ductile Iron, Bronze, Carbon Steel and Stainless Steel
Flow Characteristics	Linear
Shutoff	Class IV



Mark 75 Wafer Style Control Valves

The Mark 75 wafer style control valve features all the benefits of the time-tested Sliding Gate design, in a lightweight, compact wafer-style body, and dramatically reduces the size and weight of conventional control valves.

Sizes	1" through 8"
Pressure Classes	ASME Class 150 & 300
End Connections	Wafer Style (flangeless)
Body Materials	Stainless Steel and Carbon Steel
Flow Characteristics	Linear
Shutoff	Class IV



To learn more about Jordan Valve products and
to find the name of a local representative visit:
www.jordanvalve.com



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