



CONTROL VALVES PRODUCT OVERVIEW

QUALITY | EXPERTISE | PRODUCT RANGE

SERIES 2000

Globe Single Seated Top Guide Valve
TA Luft emission certified, ISO 15841
Flow Characteristics: Linear, Equal Percentage & Modified Percentage
MTRs available

Size	3/4" - 10"
Body Material	A216, WCB, 304, 316, Alloys
Trim Material	304, 316, Alloys
Seat Material	Soft, Metal
Cv Ratio	50:1
End Connections	Flanged, BW, SW, ANSI 150 - 1500
Temperature	-22°F to +1049°F



SERIES 3500

Globe 3-Way Mixing & Diverting Valve
TA Luft emission certified, ISO 15841
Single seated top guide and bolted bonnet
Flow Characteristics: Linear, Equal Percentage & Modified Percentage
MTRs available

Size	1" - 12"
Body Material	A216, WCB, 304, 316, Alloys
Trim Material	304, 316, Alloys
Seat Material	Soft, Metal
Cv Ratio	50:1
End Connections	Flanged, BW, SW, ANSI 150 - 600
Temperature	-22°F to +1049°F

SERIES 4000

Globe Heavy Duty Cage Balanced Valve
 TA Luft emission certified, ISO 15841
 Low noise and anti-cavitation trims
 Flow Characteristics: Linear, Equal Percentage & Semi-throttled
 MTRs available

Size	1/2" - 24"
Body Material	A216, WCB, 304, 316, Alloys
Trim Material	304, 316, Alloys
Cv Ratio	30:1 (Tendril); 50:1 (Reduced Cage); 100:1 (Full Cage)
End Connections	Flanged, BW, SW, ANSI 150 - 2500
Temperature	-22°F to +1049°F
Other	Diaphragm actuators enclosed, heavy duty cylinders



DM9100 SERIES

Rotary Globe Valve
 Reduced trim option
 TA Luft emission certified, ISO 15841
 Wafer and ANSI 150 versions available
 Patent pending, MTRs available

Size	1-1/2" - 4"
Body Material	CF8, CF8M, CF3, CF3M, WCB, Alloys
Trim Material	316, Alloys
Seat Material	TFM 1600, TFM 4215, Metal Seat
Port	Full Port, Reduced Port
End Connections	ANSI 150 - 600
Temperature	-320°F to + 750°F
Options	Locking handle, gear operator, stem extension, bare stem

CONTROL VALVES

DM9900F SERIES

Direct Mount Segmented V Control Valve
TA Luft emission certified, ISO 15841
Spring loaded, removable seat, replaces globe valves and general ball valves
High Cv flow rate, MTRs available
US Patent #: US8,398,055B2

Size	1-1/2" - 30"
Body Material	WCB, 316, 316L, Alloys
Trim Material	316, Alloys
Seat Material	TFM, TFM 4215, Metal Seat
Port	Full Port, Reduced Port
End Connections	ANSI 150 - 900, wafer
Temperature	-20°F to +1000°F
Options	60° segmented ball



OB4500 SERIES

Three Piece Ball Valve
TA Luft emission certified, ISO 15841
V-ball in 15°, 30°, 45°, 60°, 90°, Slot or Custom

Size	1/4" - 4"
Body Material	Carbon Steel, Stainless Steel
Port Design	Full Port
Packing	Teflon, Super Teflon
End Connections	Threaded, Socket Weld, Butt Weld, Flanged
Temperature	-40°F to +450°F
Working Pressure	1/4" - 2": 1000 psi 2-1/2" - 4": 800 psi
Options	15°, 30°, 60°, 90°, slotted v-ball

DMOB4600 SERIES

2000 psi, Direct Mount, V-Ball, B16.34 Control Valve
 Fire safe to API 607, 7th Edition
 TA Luft emission certified, ISO 15841
 Direct mount, live-loaded packing, characterized control valve
 Silicone-free, blow-out proof stem, anti-static, MTRs available

Size	1/4" - 4"
Body Material	WCB, 316, Alloys
Trim Material	316, Alloys
Seat Material	Teflon, Carbon, others
Port Design	Full Port
End Connections	NPT, SW, BW, Flanged 150 - 600, DIN Flanged, Metric Threads
Temperature	-50°F to +650°F
Options	15°, 30°, 60°, 90°, slotted v-ball



DMOB2500 SERIES

ANSI 150 Flanged V-Ball Control Valve
 Fire-safe to API 607, 7th Edition
 TA Luft emission certified, ISO 15841
 Direct mount, live-loaded packing, self-adjusting packing, blow-out proof stem design, MTRs available

Size	1/2" - 12"
Body Material	WCB, 316, Alloys
Trim Material	316, 17-4
Seat Material	TFM, Carbon TFM, PEEK, Carbon PEEK, Metal Seated Plate, TFM 4215
Port Design	Full Port, Reduced Port
End Connections	Flanged 150, 300
Temperature	-50°F to +1000°F
Options	Chainwheel, 15°, 30°, 60°, 90°, slotted v-ball, Locking handle, Gear Operator



PLUG VALVES

1000 SERIES

AWWA Eccentric Plug Valve

Mainly used in water supply and sewage systems

High service life and no maintenance

Full port design

Size	3" - 72"
Body Material	WCB, Cast Iron, Ductile Iron, Stainless Steel, Duplex
Port	Full port
Applications	Sewage, raw water, fresh water, sea water





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