



CONTROL VALVES & BUTTERFLY VALVES

PRODUCT OVERVIEW

QUALITY | EXPERTISE | PRODUCT RANGE

SERIES 2000

Globe Single Seated Top Guide Valve

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
Cv Ratio	50:1
End Connections	Flanged, BW, SW, ANSI 150 - 1500
Temperature	-22°F to +1049°F
Seat Materials	Soft, Metal



SERIES 3500

Globe 3-Way Mixing & Diverting Valve

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
Cv Ratio	50:1
End Connections	Flanged, BW, SW, ANSI 150 - 600
Temperature	-22°F to +1049°F
Seat Materials	Soft, Metal

SERIES 4000

Globe Heavy Duty Cage Balanced Valve
 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



DM9900F SERIES

Direct Mount Segmented V Control Valve
 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
Port	Full port and reduced trim
End Connections	ANSI 150 - 900, wafer
Options	60° segmented ball
Temperature	-20°F to +1000°F
Seat Materials	TFM, TFM 4215, Metal Seat

OB4500 SERIES

Three Piece Ball Valve
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 Range	-40°F to +450°F
Working Pressure	1/4" - 2": 1000 psi 2-1/2" - 4": 800 psi



OB4600 SERIES

2000 psi, Direct Mount, V-Ball, B16.34 Control Valve
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
Port Design	Full Port
End Connections	NPT, SW, BW, Flanged 150 - 600, DIN Flanged, Metric Threads
Temperature	-50°F to +650°F
Seat Materials	Teflon, Carbon, others
Options	15°, 30°, 60°, 90°, slotted v-ball



DMOB2500 SERIES

ANSI 150 Flanged V-Ball Control Valve

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
Port Design	Full Port, Reduced Port
End Connections	Flanged 150, 300
Temperature Range	-50°F to +1000°F
Seat Materials	TFM, Carbon TFM, PEEK, Carbon PEEK, Metal SEated Plate, TFM 4215
Options	Chainwheel, 15°, 30°, 60°, 90°, slotted v-ball, Locking handle, Gear Operator



BUTTERFLY VALVES

SERIES 88/89

Triple off-set butterfly valve
Available as a cryogenic valve
-321°F liquid nitrogen
Zero leakage, metal seated
Tight shutoff for thousands of cycles

Size	2" - 80"
Body Material	A350LF2/LCB, WCB/A105, 316 CF8M, Alloy 20
Trim Material	CF8M and Alloy material
End Connections	Flanged, ANSI 150 & 300, Ring Type Joint
Temperature	-321°F to +1000°F
Options	Gear Operator, Stem Extension



SERIES 82/83

Double off-set, high performance butterfly valve
Series 82: Wafer Style
Series 83: Lug Style

Size	2" - 24"
Body Material	A216 WCB Cast Steel and A351 CF8M Stainless Steel
Disc	Stainless Steel CF8M
Pressure Rating	Class 150#, 300#
End Connections	ANSI 150 & 300, DIN, JIS
Operation	Lever, Gear, Pneumatic & Electric automated
Seat Materials	Soft Seat: TFM-4215, PTFE, RTFE, NBR, EPDM, FKM Metal Seat: A240 Tp 316/304

SERIES 80/81

Soft Seated Cartridge Seat Type Butterfly Valve
One piece body construction
ISO 5211 mounting pad

Size	2" - 24"
Body Material	Cast Iron, Ductile Iron, Stainless Steel
Disc	CF8M, Ductile Iron, Bronze
Pressure Rating	Class 125/150
Drilling	ANSI 125/150, JIS, 10K, PN 10/16
Operation	Lever, Gear, Actuators
Seat Type	Cartridge



SERIES 9200

Choke Valve
Angle body design for longevity
Bolted bonnet for ease of maintenance
Steam injection applications

Size	2"
Body Material	A105, Stainless Steel CF8M, Ductile
Disc	Carbide, 17-4, Ceramic
End Connections	Socket Weld
Pressure Rating	ASME Class 900 / 1500
Shut off	ANSI Class IV Shut off
Seat Type	Disc
Flow Control Applications	Steam, Water & Gas Injection



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