

Quality, performance, and reliability are the watchwords that govern all our actions at DelVal, from designing to manufacturing and everything in between. Unique features and benefits are built into all the products to provide highly dependable performance under various critical plant conditions. DelVal Flow Controls is a joint venture company with DelTech Controls LLC, USA and manufactures its products to exacting international standards. Our mission, "We will provide our customers with superior performance flow control products that are delivered by efficient people and processes", drives all our daily activities and our commitment for total customer satisfaction.



Butterfly Valves



DelVal-50 Wafer Design
DelVal-52 Lug Design

Type Resilient Replaceable Seat Butterfly Valve
Size 50-600 mm/ 2"-24"
Body Cast Iron / Ductile Iron/ WCB (Wafer & Lug type)
Disc Ductile Iron (Nylon/ Aroxy coated)/ CF8/ CF8M
Seat Buna N / EPDM/ Viton/ Silicone (FDA Compliant)
Stem SS 410/ 316/ CS + Zinc Plated
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)40°C to (+)200°C
Pressure PN10/ PN16



DelVal-51, Wafer Body
DelVal-53, Double Flanged Body

Type Resilient Replaceable Seat Butterfly Valve
Size 650-1200 mm/ 26"-48"
Body Cast Iron / Ductile Iron/ WCB (Wafer & Flanged type)
Disc Ductile Iron (Nylon/ Aroxy coated)/ CF8/ CF8M
Seat Buna N / EPDM/ Viton/ Silicone (FDA Compliant)
Stem SS 410/ 316/ CS + Zinc Plated
Operation Gearbox/ Pneumatic/ Hydraulic/ Electric Actuator
Temp. (-)40°C to (+)200°C
Pressure PN10



DelVal-56, Wafer Body, "HyFlo" Design
DelVal-57, Lug Body, "HyFlo" Design

Type Resilient Molded Seat Butterfly Valve
Size 50-300 mm/ 2"-12"
Body Cast Iron / Ductile Iron (Wafer & Lug type)
Disc Ductile Iron (Nylon/ Aroxy coated)/ CF8/ CF8M
Seat Buna N / EPDM
Stem SS 410/ 316/ CS + Zinc Plated
Operation Lever/ Gearbox
Temp. (-)25°C to (+)150°C
Pressure PN10



DelVal-40 & 42, Wafer Body, Teflon® Lined
DelVal-41 & 43, Lug Body, Teflon® Lined

Type PTFE Seated Butterfly Valve
Size 50-600 mm/ 2"-24"
Body CI (Nylon/ Epoxy Coated)/ DI/ WCB/ CF8M
Disc CF8M (PFA/ PTFE Lined)
Seat PTFE/ PFA with elastomer back up
Stem 17-4-PH SS ASTM A564 Type 630/ CF8M(integral with disc)
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)25°C to (+)200°C
Pressure PN10



DelVal-44 & 47, Wafer, High Performance
DelVal-45 & 48, Lug, High Performance

Type High Performance Soft Seated Butterfly Valve
Size 50-900 mm/ 2"-36"
Body Ductile Iron/ WCB/ CF8/ CF8M
Disc WCB/ CF8/ CF8M
Seat PTFE// RPTFE/ EPDM/ Buna N/ Viton
Stem 17-4-PH SS ASTM A564 Type 630/ ASTM A479 SS410
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)40°C to (+)200°C
Pressure ASME Class 150/ 300



DelVal-46, Flanged, High Performance, #150
DelVal-49, Flanged, High Performance, #300

Type High Performance Soft Seated Butterfly Valve
Size 80-1800 mm/ 3"-72"
Body Ductile Iron/ WCB/ CF8/ CF8M
Disc WCB/ Cf8/ CF8M
Seat PTFE// RPTFE/ EPDM/ Buna N/ Viton
Stem 17-4-PH SS ASTM A564 Type 630/ ASTM A479 SS410
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)40°C to (+)200°C
Pressure ASME Class 150/ 300

Ball Valves



DelVal-60 & 65, 66, Full Bore
DelVal-69 & 70, Reduced Bore

Type 2 Piece, Full Bore/ Reduced Bore (Fire safe)
Size 15- 300 mm/ 1/2"- 12"
Body WCB/ CF8/ CF8M/ CF3/ CF3M/ LCB/ CA15
Ball CF8/ CF8M/ CF3/ CF3M/ LCB/ CA15
Seat PTFE/ RPTFE/ PEEK
Ends Flanged to ANSI B16.5/ BS 10-D/ DIN 2501/ IS-1538/ RTJ
Stem ASTM A479 SS 304, SS 316/ ASTM A182 SS410
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)29°C to (+)260°C
Pressure As per Class 150, 300, 600, 900



DelVal-7A to 7M, Trunnion mounted/ 2 PC
DelVal-8A to 8M, Trunnion mounted/ 3 PC

Type Trunnion mounted, Full Bore/ Reduced Bore
Size 50- 300 mm/ 2"-12"
Body WCB/ CF8/ CF8M/ CF3/ CF3M/ LCB/ CA15
Ball CF8/ CF8M/ CF3/ CF3M/ LCB/ CA15
Seat Nylon/ Viton
Ends Flanged to ANSI B16.5/ BS 10-D/ DIN 2501/ IS-1538/ RTJ
Stem ASTM A479 SS 304, SS 316/ ASTM A182 SS410
Operation Lever/ Gearbox/ Pneumatic/ Electric Actuator
Temp. (-)29°C to (+)180°C
Pressure As per Class 150, 300, 600, 900



DelVal-64, Screwed/ Socket weld end connections

Type 3 Piece Body/ Full Bore
Size 15- 50 mm/ 1/2"-2"
Body WCB/ CF8/ CF8M/ CF3/ CF3M
Ball AISI 316/ CF8M/ CF3M
Seat PTFE/ RPTFE
Ends BSP(F)/ BSP(T)/ NPT/ Socket Weld
Stem ASTM A182 SS304/ SS316
Operation Lever/ Pneumatic/ Electric Actuator
Temp. (-)29°C to (+)200°C
Pressure As per Class 1000 (WOG)

Actuators



DelTorq-21 Rack & Pinion Pneumatic

Design Dual Rack & Pinion
Type Double Acting & Single Acting
Body Extruded Aluminum, Hard Anodized
Seal Buna N/ Silicone/ Viton
Torque 1900 Nm maximum at 8 bar air pressure
Temp. (-)40°C to (+)180°C
Supply Air Pressure 3 bar minimum, 8 bar maximum
Features Stroke adjustment $\pm 5^\circ$, both ways
Mounting ISO 5211 mounting/ Namur interface



DelTorq-25 Scotch & Yoke Pneumatic

Design Scotch & Yoke
Type Double Acting & Single Acting
Body Ductile Iron/ CS
Seal Buna N
Torque 8000 Nm maximum
Temp. (-)20°C to (+)150°C
Supply Air Pressure 3 bar minimum, 7 bar maximum
Features Stroke adjustment $\pm 5^\circ$, both ways
Mounting ISO 5211 mounting/ Namur interface



DelTorq-2E Electric Rotary

Design Squirrel cage encapsulated motor/ worm wheel gears
Type Quarter Turn with auto declutching
Body Aluminum anodized, IP67, Nema 4 & 6
Seal Buna N
Torque 2500 Nm maximum
Temp. (-)30°C to (+)70°C
Supply Single \emptyset (110 V & 220 V) & 3 \emptyset Phase (380V & 440V)
Features Stroke adjustment $\pm 5^\circ$, both ways, Self locking design
Mounting ISO 5211 mounting/ Namur interface

Valve Automation



DelTech-80, Solenoid Valve

Aluminum Die Cast powder coated body
 Port Size- 1/4" & 1/2"
 Orifice Size- 4mm, 5mm, 6mm, & 7mm
 Single & dual coil options available
 LED indication as a standard facility
 Manual reset/ override as a standard facility
 Coils - Weatherproof/ Flameproof/ Explosion proof
 Standard AC & DC coil voltages available
 Available in 3 / 5 way & convertible type (Namur)



DelMonitor-83, Limit Switch Box

Aluminum Die Cast powder coated body
 Polycarbonate Dome
 Fully Adjustable spring loaded cams
 Special PCB to eliminate complex wiring
 Protection against short circuit
 1/2" / 15 mm size conduit entry
 Namur mounting as standard
 Enclosure as per weatherproof to IP65/ IP67
 Suitable to withstand temperature (-)20°C to 80°C



Valve Automation Accessories

- ❖ Air Filter Regulator
- ❖ Manual Gear Operators
- ❖ Valve Positioner
- ❖ I-P Converter/ Smart Positioner
- ❖ Quick Exhaust Valve
- ❖ Air Lock Relay
- ❖ Speed Control Valve
- ❖ Fittings & Tubing
- ❖ Air Reservoir Tank



Approvals



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