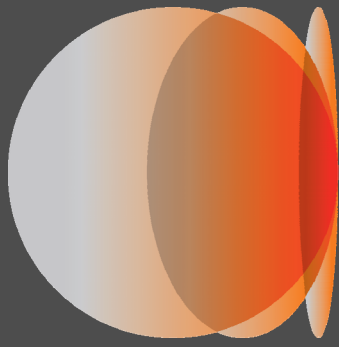


# PRIME

VALVES & ACTUATION





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# CONTENT

COMPANY CAPABILITY

CHRISTENSEN PLUG VALVES

PBV BALL VALVES

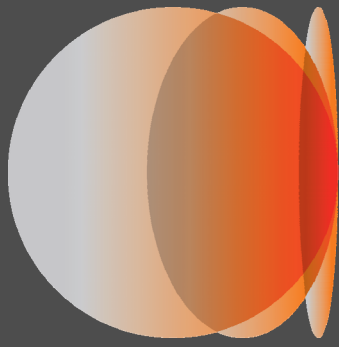
DSI GGC VALVES

BONNEY FORGED GGC VALVES

SMX NON SLAM CHECK VALVES

VALVE ACTUATION





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## COMPANY CAPABILITY

- **PROJECT SUPPLY**

Prime Valves & Actuation specialize in valve and Actuator procurement for projects via our core manufacturers.

- **FAST TRACK PROCUREMENT**

We often asked to procure high spec valves requiring quick delivery, we are able to achieve this via global partners & stockist's.

- **VALVE SERVICE**

We offer Valve Refurbishment, Valve Lubrication & Sealant Injection, Valve Painting and In-situ Actuation of valves, weather it be On & Off Shore .

- **VALVE DRAWINGS**

CAD design & drawing of manual - assembled actuated valves including accessories.

- **DESIGN**

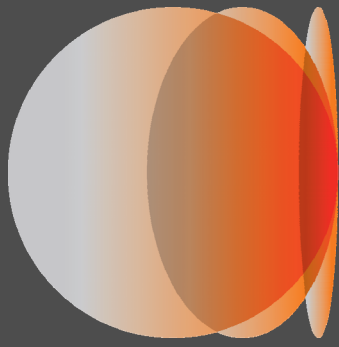
Most actuated valves are supplied with control equipment, we design & build control panels to be incorporated with the valve as a complete package.

- **VALVE TESTING**

Hydrostatic testing, Nitrogen & Low pressure Air testing.



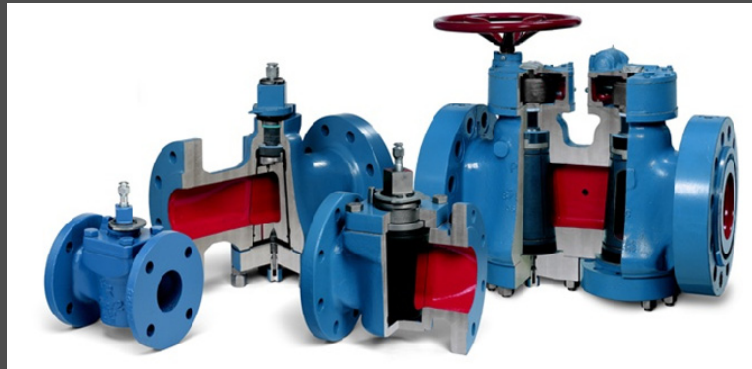




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## CHRISTENSEN PLUG VALVES



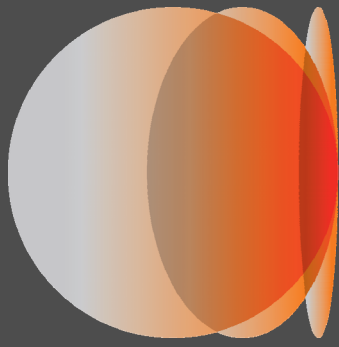
**CHRISTENSEN**, is the largest manufacturer of lubricated plug valves in Europe. World recognized manufacturers of Plug Valves, Christensen operates its own foundry , develops, manufactures and markets plug valves which are exported globally. They are fully equipped with emission spectrometer, charpy- and tensile testing machines and hardness tester, all of German brands. Magnetic particle, dye penetrant, ultrasonic and radiographic inspection can be done in-house.

Produced in Full round port for pigging applications, Rectangular full port & Venturi Port.

### PLUG VALVE RANGE

- **SINGLE PLUG**, Pressure balanced, 1/2 to 36", 150 to 2500#, Flanged ANSI RF or RTJ, Lubricated Plug, Designed to API 6D, .API 599, BS 5353, BS 6755 Pt 2 & API 607.
- **DOUBLE PLUG**, DBB, Pressure balanced, 1/2 to 24", 150 to 600# - 1/2 to 16", 150 to 1500# & 1" to 10", 2500#, Flanged ANSI RF or RTJ, Lubricated Plug, Designed to API 6D, .API 599, BS 5353, BS 6755 Pt 2 & API 607.





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## PBV BALL VALVES



PBV, is a leading manufacturer of customized ball valve solutions that consistently meet difficult oil and gas requirements. From using weld overlays for hostile environments to fabricating extensions and coatings for buried service.

Manufactured Range includes carbon, alloy, stainless and special forged steel.

Options include Fully Welded Body Design, Metal seated, Cryogenic applications, Subsea & Splash zone, Tandem Double Ball & Actuated valves.

### PBV API 6D TRUNNION RANGE

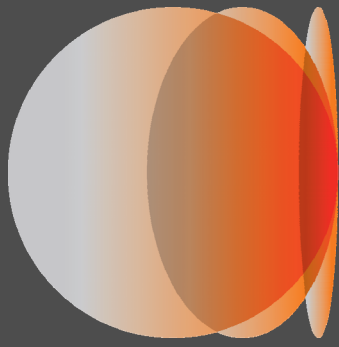
- DBB 3 Pce Body Construction, 2" to 56", 150 to 2500#, Red & Full Bore, Flanged or Weld ends.
- DBB 2 Pce Body Construction, 2" to 12", 150 to 600#, Full Bore, Flanged ends.

### PBV FLOATING RANGE

- Floating Uni Body Design, Reduced Bore, 1" to 12", Flg 150 to 600#.
- Floating 2 Pce Body Design, Reduced & Full Bore, 1" to 12" Flg 150 to 600#, 1" to 2" Flg 150 0#







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## DSI GATE GLOBE & CHECK VALVES

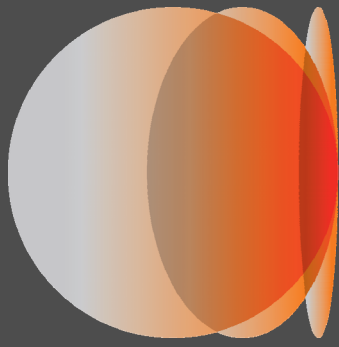


DSI, Manufacture carbon and stainless steel including other alloy Gate Globe & Check valves. DSI are characterized by outstanding operational performance, exceptional reliability and durability. DSI valves are designed, engineered and manufactured in strict conformance to API, ASTM, ASME, ANSI and other recognized codes and requirements.

### DSI RANGE

- API 600 SS Gate & Check, 2" to 24", 150 to 1500#. Globe 2" to 12", 150 to 1500#.
- API 600 CS Gate, 2" to 48", 150 to 1500#. Globe 2" to 14", 150 to 1500#. Check 2" to 24", 150 to 1500#.
- Pressure seal Gate 2" to 24", 600 to 2500#, Flexible wedge or Parallel Slide design, Butt Weld or Flanged.
- Pressure seal Globe 2" to 24", 600 to 2500#, Solid disc, Straight or Y pattern design, Butt Weld or Flanged. (Non- Return Stop Check Design available)
- Pressure seal Check 2" to 24", 600 to 2500#, Tilt disc non slam, Straight or Y pattern design, Butt Weld or Flanged.
- Forged Gate Globe & Checks 1/4" to 2", 800 to 2500# NPT—SW & 150 to 1500# ANSI Flg





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## BONNEY FORGE GATE GLOBE CHECK VALVES



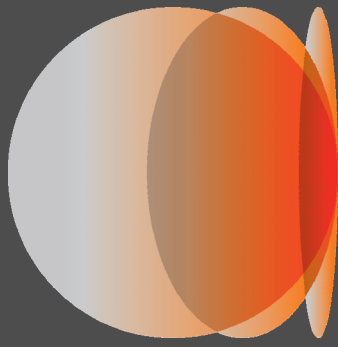
**BFE**, Sizes 1/4" to 2", Bolted or welded Bonnet design.

Range includes carbon, alloy, stainless and special forged steel, Full or Reduced Port, Tested to API 598 & BS 6755, Designed to API 602, BS 5352, NF M87.412, ANSI B16.34.

- **GATE VALVES**, Straight pattern Design, Solid wedge, OS & Y type, Scr NPT or Socket Weld, Self aligning packing., Class 800, 1500, 2500 & 4500#.
- **GLOBE VALVES**, Y or Straight pattern Design, OS & Y type, Self aligning packing, Solid Swivel Disc -Needle or parabolic options, Scr NPT or Socket Weld, Class 800, 1500, 2500 & 4500#.
- **CHECK VALVES**, Y or T pattern Design, Class 800, 1500, 2500 & 4500#, Full guided piston/ball or swing -all Spring assisted, Scr NPT or Socket Weld.
- **INTEGRAL FLG**, As above, Face to face to B16.10, Class 150- 2500# in ANSI RF or RTJ.
- **BELLOWS SEALED**, Gate & Globe- Metallic bellows & Secondary stem seal by stuffing box.
- **EXTENDED BODY GATE**, Valv-O-Let, Class 800 & 1500#.
- **CRYOGENIC SERVICE**, Extended Bonnet, cryogenic valves for temperatures to -196°.



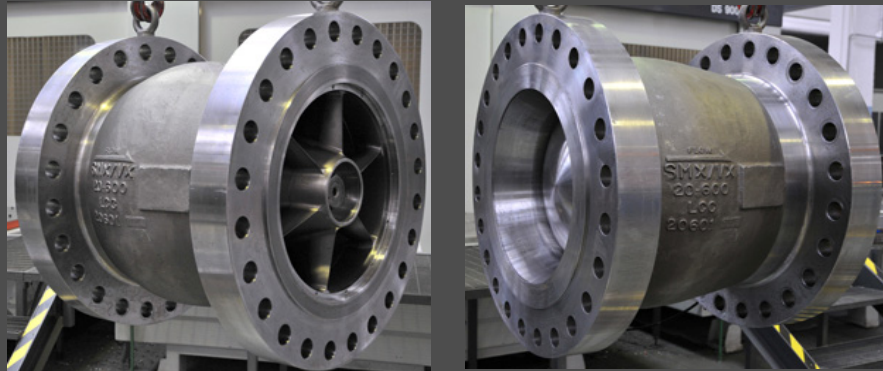




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## SMX NON SLAM CHECK VALVES



### AXIAL HIGH INTEGRITY NON SLAM PISTON CHECK VALVE

SMX manufacture a range of Non Slam check valves from their facility based in Oakville Canada, offering a proven design that's selected & sized based flow conditions & Process data of the application.

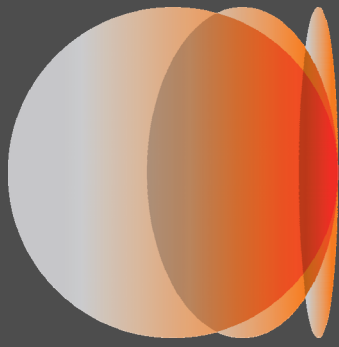
SMX offer a valve with unique dual spring design allowing a very fast dynamic Non Slam response with low pressure loss across the valve.

Applications within the Oil & Gas markets performing on Centrifugal & Reciprocating compressors including Cryogenic, Subsea Non return applications.

- One piece body design, end entry
- Designed to standards ASME B16.34, API 6D, API 6D, PED/ CE & CSA Z245.15
- Sizes from 2" to 60" in diameter with RF, RTJ, BW & Hub ended
- Pressure ratings ASME Class 150 through 4500 & API 2000 through 10000
- Materials of construction Carbon Steel, Stainless Steel & other alloys







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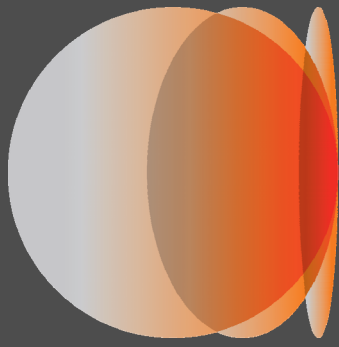
## MVT PIPELINE DBB VALVES



## MVT HIGH INTEGRITY DOUBLE BLOCK & BLEED PIPELINE VALVES

- Type: Double Trunnion Ball Isolation with a Needle Valve bleed.  
Design Construction : API 6D, ASME VIII, ANSI B16.34; API 607,  
Size 2" to 20" Classes up to 150 to 1500 lbs according to ANSI B16.34  
Testing according to API 598 and BS 6755  
Fire safe according to API & BS 6755
- Forged body as standard
- AED Resistant Seals
- Carbon steel, Stainless Steel & other alloys available
- Cryogenic applications to  $-196$  Deg C
- MVT also produce a non standard length valve when its physically not possible to comply to the face to face of B16.10



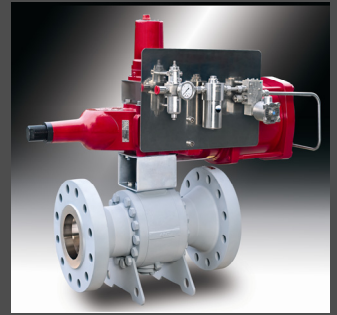


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## VALVE ACTUATION



We service applications requiring both quarter turn & Linear for Pneumatic, Hydraulic, Power Gas, Gas over Oil, Electric & Subsea actuation. Duties covering Double Acting, Fail Safe, Modulating & Self powered systems, we also supply chain wheel & Gear box operated options.

Prime Valves & Actuation provide Selection and Sizing of all actuators to suit the valves, all figures are supplied to support the package along with a project build schedule.

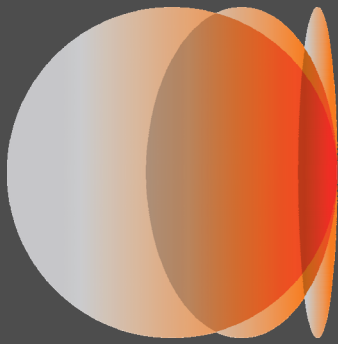
In addition we supply Control Cabinets & Panels, ESD systems & associated equipment. All Valve & Actuation packages are fully tested and come complete with a letter of conformance.

## ACTUATOR BRANDS

BETTIS, SHAFER, HYTORK, ROTORK, AUTOMAX,  
ELOMATIC, NORBRO, LIMITORQUE, DANTORQUE,  
MOTIVACT, KITZ, FISHER etc.







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## OUR PARTNERS

