About VSI Controls

VSI Controls™, a newly-formed control valve company (and a wholly-owned subsidiary of PetrolValves™), offers global customers an exciting alternative to procure general and severe service rotary & reciprocating control valve systems that provide a best-fit solution for their processes.

VSI Controls™ combines the products and technology of Valtek Sulamericana™ - a leading control valve system manufacturer with 35 years' experience supplying bespoke and severe service solutions - with the financial strength, global infrastructure, and manufacturing and technical prowess of PetrolValves™.

Product manufacturing and assembly & test are undertaken at company-owned facilities in Rescaldina Italy (Milano Area) and Sao Paulo Brazil. The Italy facility also manufactures the Mokveld™ axial control, surge relief, check and choke valves, as well as the PetrolValves™ manual & automated on-off valving.

RECIPCROCATING CONTROL VALVE SYSTEMS

GLS

General & Severe Service Control Valve

(150# 300# 600#)

GLH

General & Severe Service Control Valve

(900# 1500# 2500#)

GXL

General Service Control Valve

(150# 300#)

VSI Controls Provides A Wide Variety Of Reciprocating Control Valve System Options

GXL-Chronos Control Valve Systems

Description

The GXL-Chronos combination offers a completely integrated system – a general service globe type control valve, spring-piston actuator and digital positioner with HART™ communication protocol. The GXL-Chronos is the best market option when you require a versatile valve and a simple, robust, high performance control valve system and a fast delivery

Characteristics	
Type	Globe style, with Quick-change Seat
Nominal sizes / Pressures	½" - ¾" – 1" - 1½" – 2" – 3" – 4" / Class 150 & 300
Body materials	Carbon Steel (WCC), Stainless Steel (CF8M)
End connections	Integral flanges, Socketweld, NPT
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard
Shutoff	ANSI Class IV with metal seat, ANSI Class VI with soft seat
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

GXL-Chronos Provides A Cost-Effective Control Valve System With Quick Deliveries To Meet Many Process Applications

GLs Standard Control Valve Series

Description

The GLS globe valve series features superior performance, long operating life, easy, fast and economical maintenance. Its simple elegant design and fundamental features make it a global benchmark in its category.

Características	
Type	Globe, Angle, 3-Way style, with Quick-change Trim
Nominal sizes / Pressures	½″ to 48″ / Class 150 thru Class 600
Body materials	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Integral flanges, Separable flanges, Butt-weld, Socketweld, NPT
Face-to-face dimension	ANSI/ISA 75.08.01 (Integral), ANSI/ISA 75.08.07 (Separable)
Bonnet	Standard, Extended, Cryogenic
Trim materials	Stainless steel AISI 316, AISI 304, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Monel, Hastelloy B&C, 17-4PH, Nickel, Titanium
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-253 to 815ºC (-425 to 1500ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

The GLS Series “General Service” Control Valve Provides A Durable Economic Alternative For Many Applications

GLH High Pressure Control Valve Series

Description: The GLH globe valve series is designed for use in industrial processes that require high pressures (up to class 2500#). The GLH was developed as an extension to the well-known GLS control valve series

Characteristics	
Type	Globe style, with Quick-change Trim
Nominal sizes / Pressures	1" to 32" / Class 900 thru class 2500
Body materials	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Integral flanges, RTJ, Butt-weld
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Stainless steel AISI 316 L, AISI 304 L, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Hastelloy B&C, 17-4PH, Nickel and Titanium
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply	150 psi (10,3 bar)

The GLH Provides High Pressure Capabilities Utilizing The Same Efficient Design Concepts

GLB Bar Stock Control Valve Series

Description: Made of rolled bars or forged material, the GLB series valve can be quickly machined in order to meet special lead-time requirements, either in high pressure applications or where special or exotic alloys are required.

Characteristics	
Type	Globe style, Quick-change Trim, Bar Stock Body
Nominal diameter	½" - ¾" – 1" - 1½" – 2" – 3" – 4"
Pressure Class	ANSI Class 150 thru Class 4500
Body materials	Made from a wide variety of bar stock or forged materials
End connections	Integral flanges, RTJ flanges, Butt-weld, Socketweld, NPT, Special
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Stainless steel AISI 316, AISI 304, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Monel, Hastelloy B&C, 17-4PH, Nickel, Titanium
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232 ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

The GLB Provides A Custom Design Solution With A Shortened Delivery Period

GLc Cryogenic Globe Valve Series

Description

The GLc Series is a globe-style cryogenic control valve with single seat, rugged trim and cryogenic extension welded to the body, making it the ideal choice for cold box applications in industrial gas plants, where operating temperatures may reach -425°F (-253°C).

Characteristics	
Type	Globe style
Nominal sizes	1″ to 12″
Pressure class	ANSI Class 150 thru 2500
Body materials	Stainless steel and steel alloy for cryogenics
End connections	Integral flanges, Butt-weld, Socketweld
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Extended Cryogenic
Trim materials	Stainless steel and steel alloys required for cryogenic applications
Flow characteristics	Linear, Equal percentage, Quick open
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

GLE Erosive Control Valve Series

Description: The GLE control valve was developed especially for erosive applications - dirty, corrosive or flashing fluid-flow service conditions. The GLE incorporates innovative design features that make it the ideal choice to overcome the challenges presented in such erosive operating conditions and environments.

Characteristics	
Type	Angle, with smooth curve and large gallery
Nominal diameter	1½" to 18"
Pressure Class	ANSI Class 150 thru 1500
Body materials	Stainless steel AISI 316, AISI 304, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Monel, Hastelloy B&C, 17-4PH, Nickel, Titanium
End connections	Integral flanges, Separable Flanges
Face-to-face dimension	See Technical Bulletin (Special Dimensions Available)
Bonnet	Standard, Extended
Seat	Standard, Extended Venturi-type
Trim materials	Specific hardened metal for each application
Flow characteristics	Linear, Equal percentage, Quick open
Actuator	Double acting cylinder with positive spring for failsafe action

The GLE Globe Valve Series Is Designed & Ideally Suited To Solve Erosive, Flashing And Dirty Service Applications

GLA Angle Control Valve Series

Description: The GLA control valve is designed with a "Y" body design, which improves valve efficiency and decreases head loss through the valve; which improves flow efficiency, decreases the valve's recovery factor and increases flow capacity.

Characteristics	
Type	"Y" Pattern Globe style
Nominal diameter	½" to 18"
Pressure Class	ANSI Class 150 thru 2500
Body materials	Stainless steel AISI 316, AISI 304, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Monel, Hastelloy B&C, 17-4PH, Nickel, Titanium
End connections	Integral flanges, Socketweld, NPT
Bonnet	Standard, Extended
Trim materials	Stainless steel AISI 316 L, AISI 304 L, AISI 347, AISI 416, AISI 420, AISI 440C, Duplex, Alloy 20, Hastelloy B&C, 17-4PH, Nickel & Titanium
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply	150 psi (10,3 bar)

The GLA Angle Valve Utilizes An Efficient "Y" Pattern Design Which Improves Flow Capacity

GSB Bellows Control Valve Series

Description: The GLS Bellows-pac™ series incorporates all the features of the internationally recognized GLS valve design together with an advanced concept metallic bellows; which requires minimum welding and achieves a long service life of up to 5 million cycles.

Características	
Type	Globe, Angle, Three-way
Nominal sizes	1/2 to 8 (inches)
Pressure Class	ANSI Class 150 - 300 - 600
Body materials	Carbon steel, Stainless steel, other cast alloys upon request
End connections	Integral flanges, Socketweld
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	With metallic Bellows-pac®
Trim materials	Stainless steel AISI 316 L, AISI 304 L, Hastelloy C, Inconel
Flow characteristics	Linear, Equal percentage
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

ROTARY CONTROL VALVE SYSTEMS

EXL

Eccentric Plug Control Valve

(150# 300# 600#)

BXL

Eccentric Double Offset Butterfly Control Valve

(150# 300# 900# 1500#)

VXL

Segmented Ball Control Valve

(150# 300# 600#)

EXL Eccentric Plug Valve

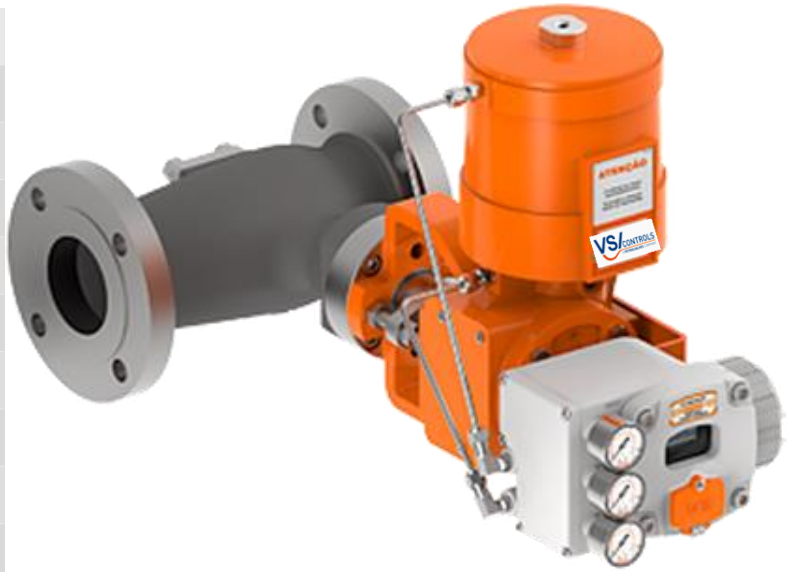
Description: The EXL is an high performance eccentric plug-type control valve, designed for use in numerous applications such as high flows, dirty fluids, sludge or other oil, gas, water, vapor services in the chemical, petrochemical, pulp & paper industries, and offers a blow-out proof stem as “standard”

Characterístics	
Type	Rotary - Eccentric plug
Nominal sizes	1″ to 12″
Pressure Class	ANSI Class 150 thru 600
Body material	Carbon steel (WCC), Stainless steel (CF8M)
End connections	Integral flanges, flangeless (wafer-style)
Face-to-face dimension	ANSI/ISA 75.08.02 (Integral)
Bonnet	Standard, Extension
Trim materials	17-4PH (standard), 316 with Alloy #6
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Maximum air supply pressure	150 psi (10,3 bar)

EXL Long Body

Description: The EXL “Long Body” is a high performance eccentric plug-type control valve, designed for use in numerous applications such as high flows, dirty fluids, sludge or in oil, gas, water, vapor services in the chemical, petrochemical, pulp & paper industries and provides a globe valve face-to-face dimension

Characteristics	
Type	Rotary - Eccentric plug
Nominal sizes	1″ to 12″
Pressure Class	ANSI Class 150 thru 600
Body material	Carbon steel (WCC), Stainless steel (CF8M)
End connections	Integral flanges
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extension
Trim materials	17-4PH (standard), 316 with Alloy #6
Flow characteristics	Linear, Equal percentage, Quick open
Operating Temperature	-29 to 232ºC (-29 to 450ºF)
Actuator	Double acting cylinder with positive spring for failsafe action
Maximum air supply pressure	150 psi (10,3 bar)



BXL Double-eccentric Butterfly Valve

Description: The BXL double-eccentric disc butterfly control valve incorporates disc offsets to the seat which minimizes wear, lowers torque and improves modulating control, even in high pressure drop applications.

Characteristics	
Type	Rotary, Double-eccentric Disc
Nominal diameter	2″ to 36″
Pressure class	ANSI Class 150 thru 600
Body material	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Wafer, Lug, Integral flanges
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Carbon steel, Stainless steel, Duplex, Alloy 20, Hastelloy B&C, Nickel, Titanium
Shutoff class	ANSI Class IV with metal seat, ANSI Class VI with soft seat
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

BXL High Pressure Double-eccentric Butterfly Valve

Description: The BXL high pressure double-eccentric butterfly valve incorporates a proprietary disc design that minimizes wear between the seat and disc, lowers the torque and improves modulating control, even in high pressure drop flows.

Characteristics	
Type	Rotary Butterfly - Double-eccentric Disc
Nominal diameter	2″ to 36″
Pressure class	ANSI Class 900 and 1500
Body material	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Wafer, Lug, Integral flanges
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Carbon steel, Stainless steel, Duplex, Alloy 20, Hastelloy B&C, Nickel, Titanium
Shutoff class	ANSI Class IV with metal seat, ANSI Class VI with soft seat
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol
Maximum air supply pressure	150 psi (10,3 bar)

The BXL Butterfly Valve Provides A Cost-effective Rotary Control Valve Solution For High Pressure General Service Applications

VXL Segmented Ball Valve

Description: The VXL Segmented Ball control valve incorporates a "V-notch" Ball design to meet a broad scope of process control challenges and provide superior operating performance with a 300:1 rangeability. The VXL performs well in dirty fluids (containing fibers and/or particulates) and also provides precise and reliable control in a wide range of other chemical processing, pulp and paper, power, O&G applications

Characteristics	
Type	Rotary - Segmented Ball
Nominal diameter	1″ to 16″
Pressure class	ANSI Class 150 thru 600
Body material	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Wafer, Lug, Integral flanges
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Carbon steel, Stainless steel, Duplex, Alloy 20, Hastelloy B&C, Nickel, Titanium
Shutoff class	ANSI Class IV with metal seat, ANSI Class VI with soft seat
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol

The VXL Segmented Rotary Ball Valve Provides 300:1 Turn-down And Broad General and Dirty Service Capabilities

HXL Cage Ball Rotary Control Valve

Description: The HXL Cage Ball control valve incorporates a Cage Trim inside the Ball containing plates and drilled holes that provide up to 15dBA of noise attenuation in gas service, medium cavitation control in liquid service and a 300:1 rangeability. The HXL performs well in dirty fluids (containing fibers and/or particulates) and also provides precise and reliable control in a wide range of other chemical processing, pulp and paper, power, O&G applications

Characteristics	
Type	Rotary - Segmented Ball
Nominal diameter	2" to 48"
Pressure class	ANSI Class 150 thru 2500
Body material	Carbon steel, Stainless Steel, Chrome-Moly, Duplex, Alloy 20, Bronze, Monel, Hastelloy B&C, Nickel, Titanium, other cast alloys upon request
End connections	Wafer, Lug, Integral flanges
Face-to-face dimension	ANSI/ISA 75.08.01
Bonnet	Standard, Extended
Trim materials	Carbon steel, Stainless steel, Duplex, Alloy 20, Hastelloy B&C, Nickel, Titanium
Shutoff class	ANSI Class IV with metal seat, ANSI Class VI with soft seat
Actuator	Double acting cylinder with positive spring for failsafe action
Positioner	Chronos - Digital, HART® protocol

The VXL Segmented Rotary Ball Valve Provides 300:1 Turn-down And Broad General and Dirty Service Capabilities

Rotary and Reciprocating Actuation

Rotary Scotch-Yoke Actuator

Spring-Piston Rotary Actuator

Spring-Piston Reciprocating Actuator

The Stiffness, Shutoff, Reliable Control, and Endurance Capabilities Of Spring-Piston Actuation Are Well-Documented

Positioners

CHRONOS – VSI Controls' most advanced digital control valve positioner, offers the latest in advanced diagnostics and predictive maintenance tools

HPP 2000 Series represents the state-of-art in terms of analog positioners, offering a robust design and updated technology.

VSI TZIDC denotes VSI Controls' digital, intelligent positioner for communicating via HART or Foundation Fieldbus. Unmatched shock and vibration immunity of 10g up to 80 Hz distinguishes the TZIDC from others, and guarantees reliable operation in almost any circumstance under the harshest environmental conditions.

Analog And Digital Positioners (with Assorted Communication Protocols) Provide Customers A Complete Offering

Chronos Digital Positioner

Characteristics	
Communication protocol	HART®, version 7
Power supply	Two-wire, loop powered, 4-20 mA, protected against reverse polarity
Compliance voltage	10.4 Vcc @ 20 mA
Characterization	Linear, equal percent or customized with curve from 21 points
Mounting types	linear and rotary actuators
Supply pressure	30 to 120 psig (2,1 to 8,3 bar)
Operation temperature	-40 to 85°C (-40 to 185°F)
Housing material	Anodized aluminum, low-copper, polyester painting (standard), polyester painting (standard) 300 series stainless steel (optional)
Hazardous area certifications	Explosion proof, Flame proof, Intrinsically safe, IECEx / ATEX / INMETRO
Enclosure protection rating	IP66

HPP 2000 Analog Positioner

Characteristics	
Acting	Double or single
Versions	Electropneumatic (I/P) or pneumatic (P/P); Explosion-proof and intrinsically safe I/P module
Maximum air supply pressure	10,3 bar (150 psi)
Assembly	On linear or rotary actuators
Operating Temperature	-40 to 80°C (-40 to 176°F)
Input signals	4-20 mA, 3-15 psi (0.2-1.0 Bar) or in 2 or 3 split-ranges

The HPP 2000 Provides Exceptional Performance On Many Processes Not Employing Smart Digital Instrumentation

Other Instrumentation

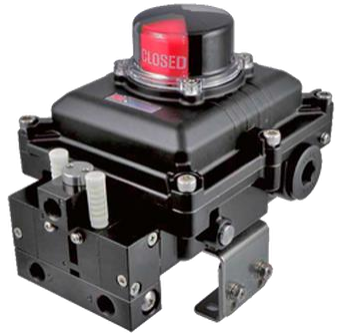
Description: Air Filter/Regulators

Air filters are essential to ensure a supply of clean, dry air to the positioners and pneumatic actuators. The units robust design and construction provides high sensitivity and a precise fit

Características	
Filtering	5 microns
Housing material	Cast Aluminum (standard), Stainless Steel 316 (optional)
Maximum air supply pressure	225 psi (15 bar)
Operating temperature	-20 to 70ºC (-4 to 160ºF)
Weight	0,65 kg (Alumínum), 1,4 kg (Stainless Steel)

Description: Position Indicators

Position Monitors provide the necessary feedback to the control system to verify/confirm the proper position of the control valve as well as providing a local visual indication/verification



VSI Controls Provides A Complete Range Of Instrumentation Required To Meet Customers' Specifications

Alpha Severe Service Valve Trim

Description

In applications with low and medium intensity cavitation, Alpha trim offers an economical and effective solution to minimize the harmful effects of this condition. The retainer, with staggered and diametrically opposed holes, directs the fluid jets towards the center of the body and away from metal surfaces.

Characteristics	
Type	Special trim for severe service
Nominal diameter	1 to 16 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Over the plug

Alpha Trim Offers An Economical Solution To Resolve Low To Medium Cavitation Applications

Beta Severe Service Trim

Description

Valves equipped with Beta Trim reduce noise levels in gas applications up to 20 dBA. The trim design incorporates a series of holes in concentric cages that allows the pressure reduction and gas expansion in stages; which controls velocity and minimizes downstream noise.

Characteristics	
Type	Drilled hole Cage retainer cartridge
Nominal diameter	1 to 24 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Under the plug

An Economic Trim Alternative to Reduce Noise In Gas Pressure Reducing Applications Up To 20 bBA

Beta Attenuator Package

Description

Using the same principle as the Beta Trim, the Beta attenuator plate is installed downstream of the control valve to reduce overall noise levels. Each plate can be designed with up to four drilled-hole stages, providing noise reductions of up to 15 dBA (depending upon the process conditions).

Characteristics	
Type	Beta (Fixed Plate) attenuator trim
Nominal diameter	1,5 to 24 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	Inside downstream piping
Flow direction	Downstream

Beta Attenuator Plates Offer An Inexpensive Alternative To Reduce Noise In Special Gas Applications

Delta Severe Service Trim

Description

Delta Internal trim effectively reduces the noise produced by gases and liquids and eliminates the effects of cavitation. The cartridge comprises a disk stack with engineered grooves, which forces a series of expansions, contractions and turns of the fluid, thus reducing the pressure gradually.

Characteristics	
Type	Retained Cage cartridge
Nominal diameter	1,5 to 42 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Under

Delta Internal Trim Eliminates Cavitation in Fluids And Provides Substantial Noise Reduction In Gas Applications

Gamma Severe Service Trim

Description

Gamma trim eliminates the damage caused by cavitation and minimizes hydrodynamic noise even under the most severe liquid applications. The Gamma cartridge is designed to take the total pressure drop through the valve trim in stages, and avoid cavitation throughout the entire path of the fluid in the trim.

Characteristics	
Type	Retained Cage cartridge
Nominal diameter	2 to 36 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Over

Omicron Severe Service Trim

Description

Omicron trim prevents damage caused by cavitation, and is applied when applications incur high differential pressures and very low flow rates. The plug head has grooves that extend spirally along its length and intersect several times. The fluid passing through the channels experiences a continuous increase in the passage area, and pressure reduction occurs in stages.

Characteristics	
Type	Special trim for severe service
Nominal diameter	1 to 2 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Over the plug

Omega Severe Service Trim

Description

Omega internal trim is designed for applications with liquids experiencing extreme cavitation and low flow rates. Based on the same principles as Gamma internal trim, Omega trim utilizes an internal cartridge containing channels and orifices which is part of the seat-guided plug. The perforated cartridge may contain up to 5 stages for the gradual reduction of pressure. The operating fluid should be clean and free of particles.

Characteristics	
Type	Special trim for severe service
Nominal diameter	1 to 2 (inches)
Pressure class	ANSI Class 150 to 2500
Materials	A variety of forged steel alloys
Mounting Options	In all globe valve series
Flow direction	Over the plug

Manufacturing, Assembly & Test

VSI Controls manufactures and assembles & tests its products in two locations: Rescaldina, Italy, and Sao Paulo, Brazil. Both factories are ISO certified.

The Sao Paulo facility is widely used to support the Latin America market due to its ability to minimize shipping charges into other Mercosur countries and due to its close proximity to customers. Additionally, the facility's proximity to the USA and Canada, along with its international component sourcing, low labor & facility costs and predictable lead times also makes this facility very attractive for North American customers.

The Rescaldina, Italy, facility has been manufacturing the PetrolValve products for many years. The PetrolValve product and facility are well-respected for its quality, workmanship and on-time performance, which has allowed PetrolValves to gain AML status at most major customers.

VSI Controls products share manufacturing and assembly & test areas with PetrolValves at the Rescaldina facility; and, the facility personnel utilize the same quality manual and procedures for all brands/products.

In some instances, this synergy has swayed customers to accept/approve VSI Controls products manufactured in Rescaldina for specific projects; and in other instances, customers have allowed the supply of PetrolValve-branded control valve products to satisfy AML requirements. Most importantly, having the VSI Controls product manufactured, assembled and tested in the Rescaldina facility greatly helps and simplifies customer acceptance of the VSI Controls products

VSI Controls And PetrolValves Share Manufacturing Facilities, Which Facilitates Customer Acceptance Of VSI Controls

Cloud-based Sizing & Selection Software

- VSI Controls is finalizing the development and the impending release of the world's first enterprise-grade cloud-based control valve sizing and selection software. The software allows control valve sizing, selection and configuration on a: web browser; computer; smart phone; or, tablet. This method eliminates many of hassles associated with installing current sizing and selection software on desktop computers and networks.
- Key features and benefits include:
  - No more single user / network licensing issues, as the software is cloud based.
  - No special hardware is needed on the user's side, as all of the processor-intensive calculations are performed on our cloud servers.
  - No time and cost are required to update and ensure the latest version of the software is installed on local computers and networks, as the software is cloud-based.
  - Software supports VPN-based access for additional security.
  - Customer cloud installation capabilities are available for companies wanting complete control of their own data.
  - Allows secure, easy sharing of valve selection results with colleagues or third party users, other applications, allows quick decision making and consistent accurate results.

Cloud-based Sizing & Selection Improves Connectivity and Security, Reduces Costs, Provides Required Outputs