Valco Group has valves and related products and services for applications worldwide within Marine sector, Oil & Gas upstream, Oil & Gas downstream and Energy & Industry. Valco Group’s product portfolio contains strong and well-established valve brands from in-house production as well as provision of third-party products. Our experience has demonstrated our capability to handle the combination of high pressure and very high or very low temperatures. We are also involved in providing products which cover sour services as well as any type of applications where product quality matters.
VALCO GROUP:
GUICHON, MALBRANQUE, SNRI, VALCO VALVES SERVICES

4 Brands:
> GUICHON, MALBRANQUE, SNRI: manufacturers of industrial valves
> VVS (Valco Valves Services): in-house and on-site maintenance

2 factories; based in Ruffec, (west France near Bordeaux) and Chambéry (east France, near Grenoble)

SNRI & MALBRANQUE brands, as well as Guichon Valves, are recognized as world-wide valves manufacturers. Valco Group develop and produces valves for Oil & Gas, Petrochemical, Marine & LNG, Power, Nuclear, Chemical, Polymers, Navy, and pharmaceutical applications in customized and standard versions.
AN EXPERIENCED VALVE MANUFACTURER

Our expertise extends from the design to the testing of the valves.

Range of production:
- Gate, Globe, Check, Cryogenic and Safety valves
- Class 150# to 2500# and ISO standards

A Sales Department attentive to customer needs.

An experienced Engineering & Production Dept. of 20 engineers and technicians who work to continually improve our products to meet demanding customer requirements.

A Production Engineering Department.

Efficient production tools:

- Machining centres
- Numerical and conventional machines
- Welding deposit stations
- Hydraulic test benches
- Cryogenic test benches
- Fugitive Emission test capability
- Sandblasting / Painting
- Packaging and Shipping

Control Dept:

- 3D inspection
- P.M.I
- Dry penetrant
- Hardness test
- X Ray (via our partner service provider)

Our Quality Today, Is Yours Tomorrow.
Our Services do not stop with the completion of the installation and commissioning of the valve package according to the requirements of shipyards. To maintain the high performance of your valves, our dedicated Servicing company VALCO VALVES SERVICES is able to propose a specific Support plan according to your maintenance policy.

Coordinated from our SNRI, Malbranque & Guichon Sales offices, the VVS team can operate and assist you along the way, with genuine spare parts (to ensure valid classification type approval).

Our Service Engineers are fully trained for the valves Maintenance and continuously work for industrial applications within difficult environments (Petroleum and Offshore platforms, Nuclear power plants). Their versatility and expertise enable them to perform preventive and curative maintenance for any types of valves and actuators, including Butterfly and Control valves.

Also available is a power valve serviceability review and remplacement, including retrofit or overhaul of the main components.

We are able to propose a complete revamping program, including replacement of obsolete actuators with the latest designs.
AN EFFICIENT TEAM AT YOUR SERVICE

VVS factory is located next to SNRI
Workshop : 1500 m²
Team : 50 employees
Many production tools

Training possibilities :

Module 1 : Introduction to valves technologies
Module 2 : Appropriate valves selection
Module 3 : Quality / Control
Module 4 : Advanced quality / control
Module 5 : Advanced appropriate valves selection
Module 6 : Maintenance
Module 7 : Advanced quality / Control or specific valves
Modules S1 / S2 : Safety Valves

SNRI, Malbranque and Guichon brands work together with VVS, to meet new servicing challenges!
HIGH PRESSURE VALVES FOR OIL & GAS INDUSTRIES
POWER & COGENERATION PLANTS

WEDGE AND PARALLEL SLIDE GATE VALVES:

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FLEXIBLE WEDGE GATE VALVE

DESIGN:
- Reinforced flexible wedge. Sealing ensured by the elasticity of the wedge.

ADVANTAGES:
- Sealing ensured whatever the temperature conditions.
- Easy closing and opening due to the low friction design.
- Stellite thickness over 2.5 mm to meet your requirements.
- This wedge can be easily repaired.

DESCRIPTION:
- Permanent contact with the seat, (Area 1): Flat and rigid contact surface to ensure good sealing.
- Flexible characteristics, "spring effect", (Area 2): Split wedge to ensure good flexibility, deformations due to thermal expansion are compensated.
- Swiveling characteristics, (Area 3): Perfect contact between the seat and the wedge made possible by the swiveling functionality.

RECOMMENDATIONS:
To ensure a good operation, motorized valves shall be stopped either in the opening or closing position.

SOME EXAMPLES THAT DEMONSTRATE OUR EFFICIENCY:
- Power station: ENRON Teesside (England), KEPCO Yonghung (Korea), Alstom Medupy (South Africa), Kusile & Shoiba (Saudi Arabia)
- Furnace: EXXON KEMYA (S.A), CHIYODA (Singapore)
- Boiler, Cogeneration: CMI (...)
- Petrochemical: SHELL, TOTAL, SONATRACH OURHOUD, UDHE SAFCO ...
  PETROFAC, BECHTEL JAMNAGAR ...
- Gas: AIR LIQUIDE IPG (Singapore HP cl 600 to 2500#)

SEE MORE DESIGN DETAILS:
- Wedge (Gate and Slide)
- Pressure seal bonnet gasket
- Yoke and Bleeder screw
- Packing

Diagram details:
- Stem nut
- Bearing
- Yoke
- Stem
- Bleeder screw
- Packing
- Segment
- Retaining ring
- Spacer ring
- Gasket
- Bonnet
- Backseat

Diagram parts:
- Wedge
- Seat
- Body

8 / 44
FLEXIBLE WEDGE TYPE "RENFLEX"

DESIGN:

Reinforced flexible wedge. Sealing ensured by the elasticity of the wedge

ADVANTAGES:

Sealing ensured whatever the temperature conditions
Easy closing and opening due to the low friction design
Stellite thickness over 2.5 mm to meet your requirements
This wedge can be easily repaired
Used on all applications (Petrochemical, Energy, Gas, cryogenic)

DESCRIPTION:

> Permanent contact with the seat, (Area 1): Flat and rigid contact surface to ensure good sealing
> Flexible characteristics, "spring effect", (Area 2): Split wedge to ensure good flexibility, deformations due to thermal expansion are compensated.
> Swiveling characteristics, (Area 3): Perfect contact between the seat and the wedge made possible by the swiveling functionality.

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> Boiler, Cogeneration: CMI (…)
> Petrochemical: SHELL, TOTAL, SONATRACH OURHOUD, UDHE SAFCO … PETROFAC, BECHTEL JAMNagar …
> Gas: AIR LIQUIDE IPG (Singapore HP cl 600 to 2500#)
PARALLEL SLIDE GATE VALVE

REINFORCED DISC:
The force applied on the disc permits a good sealing on the opposite side.

ADVANTAGES:
- Very good adaptation to temperature variations.
- Free expansion of the internal parts: stem, disc, therefore no jamming.
- Stellite deposit can be over 2.5 mm.
- The disc can be easily repaired.

Steam services (Nuclear and conventional plants).

DESCRIPTION:
- Parallel slide discs (2) and seats (1): The contact between the discs and the seats is ensured by a spring (3) generally made of inconel.
- The collar (4) guides the discs (2) during the opening and closing procedures.
- The stroke is limited by two security stops to prevent any damage on the discs.

RECOMMENDATIONS:
To ensure a good operation, motorized valves shall be stopped by switches in the opened or closed position.
In the closed position, the collar (4) is not in contact with the body.

SOME EXAMPLES THAT DEMONSTRATE OUR EFFICIENCY:
- Power station: EDF France, EDF Vietnam, Alstom, ...
- Furnace:
- Boiler, Cogeneration: CMI (...)
- Petrochemical: SHELL, TOTAL, ...
- Gas

SEE MORE DESIGN DETAILS:
> Wedge (Gate and Parallel)
> Pressure seal bonnet gasket
> Yoke and Bleeder screw
> Packing
PARALLEL SEATS

DESIGN:

Reinforced disc:
The force applied on the disc permits a good sealing on the opposite side.

ADVANTAGES:

Very good adaptation to temperature variations.
Free expansion of the internal parts: stem, disc, therefore no jamming.
Stellite deposit can be over 2.5 mm.
The disc can be easily repaired.
Steam services (Nuclear and conventional plants).

DESCRIPTION:

> Parallel slide discs (2) and seats (1):
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> The collar (4) guides the discs (2) during the opening and closing procedures.
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RECOMMENDATIONS:

To ensure a good operation, motorized valves shall be stopped by switches in the opened or closed position.
In the closed position, the collar (4) is not in contact with the body.

SOME EXAMPLES THAT DEMONSTRATE OUR EFFICIENCY:

> Power station: EDF France, EDF Vietnam, Alstom, ...
> Furnace: Heurtey Petrochemical
> Boiler, Cogeneration: CMI (…)
> Petrochemicals: SHELL, TOTAL, …
> Gas
WEDGE OR PARALLEL SLIDE GATE VALVES DIMENSIONS

**VALVES CLASS 600#**

Only per request, the PSB design is not recommended for this pressure level.

**VALVES CLASS 900#**

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**Power Application**
- Valves size: 10” Class 1500#
  - HAMWORTHY COMBUSTION project
- Valves size: 18” Class 900#
  - ALSTOM project

**Furnace Application**
- Valves size: 20” Class 2500#
  - CHIYODA Singapore project
EXAMPLES OF GATE VALVES WITH LINEAR ACTUATORS

GAS APPLICATION:
Valves size: 10” Class 1500 #
HAMWORTHY COMBUSTION project

POWER APPLICATION:
Valves size: 18” Class 900 #
ALSTOM project

FURNACE APPLICATION:
Valves size: 20” Class 2500 #
CHIYODA Singapore project

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GLOBE VALVE SIZE 2" - 3" - 4"

DESIGN AND DISC DETAIL

SEE MORE DESIGN DETAILS:
> Disc (Spherical, parabolic)
> Pressure seal bonnet gasket
> Packing for fugitive emissions
> Live loading device

Non rotative rising stem, parabolic disc as standard.

ADVANTAGES:
Robust, swivelling disc with parabolic form for more precise flow control.
Direction of flow over the disc, sealing ensured regardless of the temperature variations.

GUIDED DISC DETAIL:
> For severe service conditions.
> Disc guided within the body, reduces disc vibrations.
> Equalizing device by hole thru the disc.
> The guiding can be stellited as an option.

ALTERNATIVE, STOP PISTON CHECK VALVE:
> The disc can be stopped in closed position.
> Closure facilitated by preloaded spring.
> Disc guided within the body and by the stem.
> The guiding can be stellited as an option.
DESIGN AND DISC DETAIL

DESIGN:

Non rotative rising stem, parabolic disc as standard.

ADVANTAGES:

Robust, swivelling disc with parabolic form for more precise flow control. Direction of flow over the disc, sealing ensured regardless of the temperature variations.

GUIDED DISC DETAIL:

> For severe service conditions.
> Disc guided within the body, reduces disc vibrations.
> Equalizing device by hole thru the disc.
> The guiding can be stellited as an option.

ALTERNATIVE, STOP PISTON CHECK VALVE:

> The disc can be stopped in closed position.
> Closure facilitated by preloaded spring.
> Disc guided within the body and by the stem.
> The guiding can be stellited as an option.
GLOBE VALVE SIZE 6” and higher

INTERNAL BYPASS DEVICE

DESIGN:
Non rotative rising stem, parabolic disc with equalizing device by means of an internal by-pass.

ADVANTAGES:
Low opening torque achieved by internal by-pass device, lower actuator sizing.

OPERATING:
The internal bypass is opened with the internal rising of the stem. The contact between the seat and the disc is ensured by the pressure. Continued rising of the stem, will open the valve. The inlet pressure decreases rapidly at the opening of the bypass, so the opening operation is easier.

BYPASS DETAILS:
- Bypass size > 1”.
- The disc is still in contact with the seat.

RATING FLOW:
Whatever the adjusted position, the disc is still in contact with the stem head.

SEE MORE DESIGN DETAILS:
- Disc (Spherical, parabolic)
- Pressure seal bonnet gasket
- Yoke and Bleeder screw
- Packing
INTERNAL BYPASS DEVICE

DESIGN:

Non rotative rising stem, parabolic disc with equalizing device by means of an internal by-pass.

ADVANTAGES:

Low opening torque achieved by internal by-pass device, lower actuator sizing.

OPERATING:

The internal bypass is opened with the internal rising of the stem. The contact between the seat and the disc is ensured by the pressure. Continued rising of the stem will open the valve. The inlet pressure decreases rapidly at the opening of the bypass, so the opening operation is easier.

BYPASS DETAILS:

> Bypass size > 1".
> The disc is still in contact with the seat.

RATING FLOW:

> Whatever the adjusted position, the disc is still in contact with the stem head.
GLOBE VALVES DIMENSIONS

VALVES CLASS 600#:

Only per request, the PSB design is not recommended for this pressure level.

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18 / 44
POWER APPLICATION:
Valves size: 4” Class 2500 # “SKY VALVE”
Service: Steam 576°C / 152 b
Used to adjust steam pressure on boiler
Body guide and disc with stellite overlay
CMI Project: MARMARA, TURKEY 1998

MARINE APPLICATION:
Valves size: 16” Class 900 #,
Hydraulique actuator
GLOBE VALVES AND PISTON STOP CHECK VALVES
“Y” PATTERN

Example of Y globe valve: 14” Cl 2500 # for Power application. Guided disc with internal bypass, seat and disc with stellite gr6 overlay.
GLOBE VALVES AND PISTON STOP CHECK VALVES

“Y” PATTERN

Examples of “Y” stop check valves:

- Size: 18” Cl 1500#
- Size: 14” Cl 2500#
- Size: 3” Cl 1500#

Guided disc with internal bypass, seat and disc with stellite gr6 overlay.
SWING CHECK VALVE

DESIGN:
- Inclined seat, full port opening
- Bleeder screw
- Pressure seal hinge plug
- Secure disc nut

ADVANTAGES:
- Full opening possible, less pressure drop
- Pressure seal bonnet and plug for greater safety
- Seat and disc with stellite overlay thickness of more than 2.5 mm
- Bonnet with bleeder screw to bleed the valve

SEE MORE DESIGN DETAILS:
- Bonnet sealing
- Hinge pin sealing
- Bleeder screw
DESIGN AND DETAILS

DESIGN:

Inclined seat, full port opening, bleeder screw, pressure seal hinge plug, secure disc nut.

ADVANTAGES:

Full opening possible, less pressure drop.
Pressure seal bonnet and plug pressure seal for greater safety.
Seat and disc with stellite overlay thickness of more than 2.5 mm.
Bonnet with bleeder screw to bleed the valve.

SECURE DISC NUT

HINGE PLUG DETAIL
NON-SLAM TILTING DISC CHECK VALVE

DESIGN:
Disc balanced, non slam tilting disc.
Inclined seat, full opening, bleeder screw.
Pipe horizontal or vertical.

ADVANTAGES:
Full opening possible.
Pressure seal bonnet, for greater safety.
Seat and disc stellite overlay thickness more than 2,5 mm.
Bonnet with bleeder screw to bleed the valve.

SEE MORE DESIGN DETAILS:
> Bonnet sealing
> Bleeder screw
DESIGN AND DETAILS

DESIGN:

Disc balanced, non slam tilting disc.
Inclined seat, full opening, bleeder screw.
Pipe horizontal or vertical.

ADVANTAGES:

Full opening possible.
Pressure seal bonnet, for greater safety.
Seat and disc stellite overlay thickness more than 2.5 mm.
Bonnet with bleeder screw to bleed the valve.

DISC PIN ASSEMBLY DETAIL
CHECK VALVES DIMENSIONS

**SWING CHECK VALVES**

- POWER APPLICATION: Swing check valve, size: 14'' Cl 1500# with assisted closing device by linear actuator. CMI project: North Bangkok power station 2008.

- PIPELINE APPLICATION: Swing check valve, size: 48'' Cl 900# with damper and manual opening device. DAELIM project: Pipeline, Malaysia 1996.

**CHECK VALVE DIMENSIONS**

**VALVES CLASS 600 #**

Only per request, the PSB design is not recommended for this pressure class.

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<td>12200</td>
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</tr>
</tbody>
</table>
POWER APPLICATION:
Swing check valve, size: 14” CI 1500# with assisted closing device by linear actuator.
CMI project: North Bangkok power station 2008.

PIPELINE APPLICATION:
Swing check valve, size: 48” CI 900# with damper and manual opening device.
DAELIM project: Pipeline, Malaysia 1996
**BONNET SEALING DESIGN**

Expanded graphite gasket with two stainless steel 316L backup rings. Ring with compression limiter, therefore gasket joint keeps its elasticity. The sealing is ensured whatever the temperature conditions. Segment split and heel for easy assembly/disassembly.

**DESIGN:**

- **Yoke**
- **Screw**
- **Bonnet retaining flange**
- **Bonnet segment retaining ring**
- **Gasket**

---

**DESIGN FOR VALVES SIZE UP TO 4”**

**DESIGN FOR VALVES SIZE > 4”**
A bleeder screw has been fitted near the stuffing box or segment for valves with NPS > 4”. It enables bleeding the air out of the valves to perform tests during manufacture or on site. This is a straight forward system consisting of only one bleeder screw. Bleeding require just a simple loosening and retightening after bleeding (tightening torque 60 Nm).
STUFFING BOX

SEALING DESIGN

Our design can meet your most severe sealing requirements.
- Fugitive emissions class A - B
- Certified : ISO EN 15848 1 - 2
- Shell (Mesc SPE 77/300-312)
- Gas, H2S, Oxygen
- SANTOTHERM service

Live loading design :
- Compensate the packing wear
- Sealing maintained for longer life
- Less maintenance

Gland follower :
- Reduced clearances
- Better Centering and guiding
- Low friction, AISI 316L 160 HB maxi

Standard packing graphite :
- 2 Braided graphite, top and bottom
- ± 5 packing rings, pure expanded graphite

Optional, special design for :
- Severe service conditions

Backup ring :
- Stem guide, reduced clearances
- Low friction, AISI 316L 160 HB maxi

Bonnet backseating :
- Standard one-piece CR13
- Optional : Stellite gr6 overlay, or ring
  AISI 316L + Stellite gr6 overlay

Stem backseating :
- Standard : one-piece, stem material
- Optional : Stellite gr6 overlay
VALC O

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Backup ring:

Optional, special design for:

- Severe service conditions
- Standard one-piece CR13
- Optional: Stellite gr6 overlay, or ring AISI 316L + Stellite gr6 overlay

Bonnet backseating:

Stem backseating:

- Standard: one-piece, stem material
- Optional: Stellite gr6 overlay

MESURING DEVICES

Testing benches:
Nitrogen an Helium 0 to 690 bars
Mass spectrometer Adixen ASM 142
(sniffing sensibility: 1.10-7 mbar.1s-1)

TESTS

Valve tested up to 400°C
Fugitive emissions class A
TAT SHELL 2009
> Screw the stem into the collar, then lock the stem with the two pins and secure by spot weld.
> Place the collar on the first disc, then the two clamps, followed by the spring.
> Place the second disc, then clamp the assembly.
EQUALIZATION DEVICES

PRESENTATIONS:

For steam service, under certain conditions, during the heating of the installation. The condensate trapped between the valve seats, is converted into steam. This steam must be evacuated to ensure good functioning of the valve. The following devices can achieve this:

- Wedge with hole drilled,
- Body with balancing pipe,
- Body with single balancing bypass,
- Body with double bypass,
- Pressure relief valve.

DESIGN WITH HOLE, FLOW IN ONE DIRECTION ONLY:

Simple and low cost design to balance the pressure between body cavity and HP side. A hole Ø 3 to 5 is drilled on one part of the wedge. An arrow is welded on the body to indicate the flow direction. A marking indicating the "HP SIDE" can be stamped on the flange. The wedge must be placed at the correct position.

DESIGN WITH BALANCING PIPE, FLOW IN ONE DIRECTION ONLY:

Better indication of the HP side. No mistakes possible during gate assembly, even in rotational position. An arrow is welded on the body to indicate the flow direction.
EQUALIZATION DEVICES

DESIGN WITH BALANCING BYPASS, FLOW IN ONLY ONE DIRECTION:

With a by-pass you can choose when you want to balance pressure. An arrow is welded on the body to indicate the flow direction. A marking indicating "HP SIDE " can be stamped on the flange. At the purchase order stage, specify the by-pass position for the right or left side, and indicate required insulation thickness.
EQUALIZATION DEVICES

DESIGN WITH TWO BYPASS, BIDIRECTIONAL FLOW:

With two bypass valves you can choose which side you need to balance pressure. You can also use the bypass to balance pressure upstream, downstream, or to reheat the installation.

At the purchase order stage, specify the bypass position for the right or left side and indicate required insulation thickness.

The bypass can be installed on the upper valve body as an option.
EQUALIZATION DEVICES

INSULATED VALVE AND BYPASS:

Bypass on upper body valve.

DESIGN WITH PRESSURE RELIEF VALVE, BIDIRECTIONAL FLOW:

With a pressure relief valve the valve is secure without operator intervention. The relief valve is set to working condition with a safety factor. At the purchase order stage, specify the relief valve position, and indicate required insulation thickness.
LOCKING DEVICES

BY CHAIN OR CANE AND PADLOCK:

Simple and economical devices:
> Suitable for all handwheel or gearbox-operated valves.
> Locking device by chain and padlock.
> Locking device by cane and padlock.

BY MULTITURN LOCK:

The Multi turn Lock is suitable for all handwheel or gearbox-operated valves. The principle of mechanical key is the transfer of keys. Each lock is executed with two keys, one for the locked open position and one for the closed position. When the valve is open, the open key is released and can be removed ready to operate the next lock in the sequence which will share the same lock code.
LOCKING DEVICES

WE CAN ADAPT ALL KINDS OF LIMIT SWITCHES:

BY MULTITURN LOCK:
The multi turn lock is suitable for all handwheel or gearbox-operated valves. The principle of mechanical key is the transfer of keys. Each lock is executed with two keys, one for the locked open position and one for the closed position. When the valve is open, the open key is released and can be removed ready to operate the next lock in the sequence which will share the same lock code.

BY CHAIN OR CANE AND PADLOCK:
Simple and economical devices:
- Suitable for all handwheel or gearbox-operated valves.
- Locking device by chain and padlock.
- Locking device by cane and padlock.

WE CAN ADAPT ALL KINDS OF LIMIT SWITCHES:

TWO POSSIBILITIES:
Simple and economical devices:
- At the yoke position for handwheel valves.
- On the stem cover for gear box valves.
WE CAN ALSO SUPPLY BOLTED BONNET DESIGN FOR OIL & GAS INDUSTRIES POWER & COGENERATION PLANTS

### WEDGE AND PARALLEL SLIDE GATE VALVES:

| Design | API 600 / ASME B16-34 / EN 12516 ... Flanged or Butt Welded |
| Size range | 2” up to 42”, following request |
| Pressure rating | Class 900 - 1500 - 2500# |
| Temperature range | up to 575 °C |
| Materials | ASTM / EN ... |

### GLOBE VALVES:

| Design | BS 1873 / ASME B16-34 / EN 12516 ... Flanged or Butt Welded |
| Size range | 2” up to 16”, according to your request |
| Pressure rating | Class 900 - 1500 - 2500# |
| Temperature range | up to 575 °C |
| Materials | ASTM / EN ... |

### CHECK VALVES:

| Design | API 6D / ASME B16-34 / EN 12516 ... Flanged or Butt Welded |
| Size range | 2” up to 42”, following request |
| Pressure rating | Class 900 - 1500 - 2500# |
| Temperature range | up to 575 °C |
| Materials | ASTM / EN ... |
**WE CAN ALSO SUPPLY BOLTED BONNET DESIGN FOR**
**OIL § GAS INDUSTRIES**
**POWER § COGENERATION PLANTS**

**VALCO**

- **WEDGE AND PARALLEL SLIDE GATE VALVES:**
- **GLOBE VALVES:**
- **CHECK VALVES:**

<table>
<thead>
<tr>
<th>Design</th>
<th>Size range</th>
<th>Pressure rating</th>
<th>Temperature range</th>
<th>Materials</th>
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<td>2'' up to 48'', according to your request</td>
<td>Class 900 - 1500 - 2500#</td>
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</tr>
</tbody>
</table>
TEST CAPABILITIES

TEST BENCHES

AT AMBIENT TEMPERATURE
Water tests
Air tests
Helium tests
Nitrogen tests
Pressure test prod (pneumatic)

AT CRYOGENIC TEMPERATURE
Down to -196°C

NDE FACILITIES

Dye penetrant
Ultrasonic testing
Magnetic particle examination
Positive material identification
Thickness measurements
Hardness
X-Rays & special magnetic particle examinations (via our partner service provider)

CUSTOMER'S CERTIFICATION

EDF
COGEMA
ALSTOM
AREVA COMURHEX
...

ISO 9001 – 2000
CE MARKING
FIRE SAFE DESIGN
BS6755 PART 2
GOST
DNV
KOREAN REGISTER
LLOYD'S REGISTER
BUREAU VERITAS
TÜV
EDF
COGEMA
ALSTOM
AREVA COMURHEX
...
QUALITY CERTIFICATION

ISO 9001 – 2000
CE MARKING
FIRE SAFE DESIGN
BS6755 PART 2
DNV (MSA R-3637)
KOREAN REGISTER
LLOYD’S REGISTER
BUREAU VERITAS
TÜV

CONSTRUCTION STANDARDS
API 600 - ISO 10434, EN 12516,
ASME B16.34, B31.1, B31.3
B16.5, B16.10, B16.25
ASME Section VIII, Section IX
ASTM, EN as per client’s request
MSS SP25, SP55, SP61, SP82
As per customer’s specifications:
CST EDF, MESC SHELL...
Valco Group based in Ruffec & Chambéry France, includes 4 brand names (Guichon, Malbranque, SNRI & Valco Valves Services), dedicated to service, innovation and delivery.

Valco Group Sales offices in Australia & Malaysia + sales office factory in South Africa.

Valco Group France produces valves and related products as well as after sales services for applications world-wide in Marine, Oil & Gas Down-Stream, Energy & Industry fields.

Valco Group produces valves and related products as well as after sales and servicing for applications world-wide in Oil & Gas Down-Stream, Marine/LNG, Power Energy, Petrochemical, Nuclear, Chemical and Polymers.

Valco Group France’s product range contains well-known and established valves brands mainly manufactured on-site as well as providing complementary part & spares. Our long experience has demonstrated our capability to integrate in our valve line the combination of high pressure with very low or high temperatures. We also provide valves which cover Sour Service as well as many types of special applications where quality product requirement matters.