



GACHOT®
MONOVAR®
CLASAR®
FAMAT
RMI Dubex®
SAPAG®

SAPAG VALVES

French Industrial
Valve Manufacturer





WATER

Drinking water
Water transport
Waste water
Dessalinisation
Reuse water



REFINING

Oil refining
Product pipelines



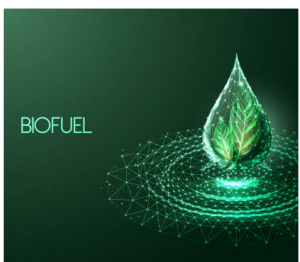
GAS DOWN-STREAM

LNG
LPG
Gas to liquids



BASIC CHEMICALS

Petrochemicals
Inorganic chemicals



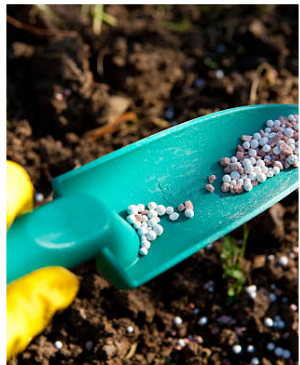
BIOFUELS

Biodiesel
Etahnol



MARINE

Shipbuilding
Ship repair



SPECIALITY CHEMICALS

Fertilizer
Household chemicals
Paints & adhesives
Cosmetics
Other chemicals



BEVERAGE FOOD

Alcoholic beverages
Non-alcoholic beverages
Fresh food (Eggs, meat, vegetables,...)
Packaged food (Dairy, soup, baked good,...)



MACHINERY

Mechanical engineering
Electrical engineering
Instrumentation
Paint shops
Machine tools, ...



MINING

Mining exploration
Extraction
Mineral processing



METALS PRODUCTION

Ferrous metals
Non-ferrous metals



PULP & PAPER

Pulp production
Paper production



PHARMA

Pharmaceutical products
Biotechnology

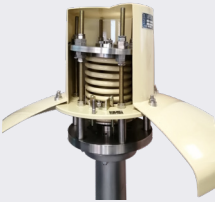


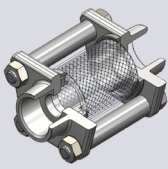
OTHER INDUSTRIE

Cement
Plastics
Glass
Textile
Automotive
Other

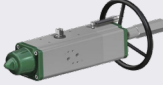


			TECHNICAL DATA	CONNECTION	APPROVALS
ELASTOMERIC SEAT BUTTERFLY VALVES	JMC Butterfly valves Concentric seat		DN: 50 à 3000 P max : 25 bar T : -29 à 170 °C	Wafer / Lug / Double Flange PN 6/10/16/20/25 Class 150/300 Other: on request	
	JMT Butterfly Valve PTFE liner		DN: 40 à 1200 P max : 16 bar T : -60 à 200 °C	PN10-16 : DN 25 - 150 PN10 : DN 200 - 600 PN6 : DN 700 - 1050 ANSI CI 150 Other: on request	
HIGH PERFORMANCE BUTTERFLY VALVES	JHP Butterfly valves Double offset High performance		DN: 50 à 900 P max : 40 bar T : -50 à 400 °C	Wafer / Lug PN 6/10/16/20/25/40 Class 150/300 Other: on request	
	DISCOVANNE GACHOT® Butterfly valves Double offset High performance		DN: 50 à 300 P max : 50 bar T : -196 à 550 °C	Wafer PN 10/16/20/25/40/50 Class 150/300	
CHECK VALVES	CLASAR® Check valves		DN: 80 à 1800 P max : 50 bar T : -30 à 130 °C Unidirectional design	Wafer (DN80-500) Double Flange (DN600-1800) PN 6/10/16/20/25/40 Class 150/300	
	V16 Check valves		DN: 8 à 150 P max : 100 bar T : -50 à 230 °C	PN 10/16/20/25/40/50 Flange / BW / SW / Tapped Other: on request	
	Plate(s) Checkvalve Swing checkvalves Dual plate check valves Axial check valves		DN: 15 à 1000 P max : 160 bar T : -196 à 500 °C	PN10 - 160 CI150 - CI900	

			TECHNICAL DATA	CONNECTION	APPROVALS
CONTROL VALVES	MONOVAR® Control valves		DN: 100 à 2100 P max : 50 bar T : -20 à 100 °C Unidirectional design	Wafer : DN100-1500 Lug : DN900 - 2100 PN 10/16/20/25/40/50 Class 150/300	
	PRESSURE RELIEF VALVE Pipelines protection		DN: 50 à 200 P max : 77 bar T : 0 à 50 °C	PN 10 à PN 100	
1 PIECE BALL VALVES	V3 Brass 1 piece ball valves		DN: 8 à 80 P max : 100 bar T : -20 à 130 °C Full bore	Threaded (Male) & Tapped (Female) Gaz ISO 7/1 ou NPT	
	V7 1 piece shut-off ball valves		DN: 10 à 80 P max : 100 bar T : -20 à 150 °C		
	V9 (V29/V59) 1 piece ball valves		DN: 8 à 50 P max : 130 bar T : -50 à 225 °C Reduced / Full bore	Face to face : PN20 : ISO5752 Series 3 PN50 : ISO5752 Series 4 BW / SW / Tapped / Flange PN 20 / 50 Other : on request	
	V10 Full bore ball valves		DN: 15 à 100 P max : 40 bar T : -20 à 180 °C Full bore	PN 16 / 40	
	RTS Series 2 2 piece ball valves		DN: 8 à 150 P max : 40 bar T : -50 à 280 °C Full bore	Flange PN40 (DN15-50) Flange PN16 (DN65-150)	
2 PIECE BALL VALVES	VSL 2 piece ball valves		DN: 15 à 100 P max : 16 bar T : 0 à 125 °C Full bore	SMS Sanitary thread SMS Tube Wafer / Lug	Conception according to American Sanitary Standards 

			TECHNICAL DATA	CONNECTION	APPROVALS
3 PIECE BALL VALVES	V15 3 piece ball valves 3 piece technology with floating ball		DN: 8 à 50 P max : 100 bar T : -196 à 350 °C	PN 10/16/20/25/40/50 BW / SW / Tapped Other: on request	  
	V16 3 piece ball valves and the derivatives		DN: 8 à 200 P max : 100 bar T : -50 à 305 °C Reduced / Full bore Steel / Stainless steel version	PN 10/16/20/25/40/50 Flange / BW / SW / Tapped Other: on request	  
	V17 Ball valves 3 piece and floating		DN 8 to 150 P max : 220 bar T : -196°C to 350°C Reduced / Full bore Steel / Stainless steel version	PN 10/15/20/25/40/50 BW / SW / Threaded Other : on request	   
	RTS Série 3 Std / EI / SF / HT 3 piece ball valves		DN: 8 à 150 P max : 80 bar T : -50 à 290 °C Reduced / Full bore Steel / Stainless steel version	PN 10/16/20/25/40/50 Flange / BW / SW / Tapped	    
GATE VALVES & NEEDLE VALVES	V501 Gate valves		DN: 8 à 150 P max : 105 bar T : -50 à 400 °C Full bore Stainless steel version	Flange / BW / SW / Tapped PN 10/16/20/25/40/50 Class 150/300	
	V574/575/576 Needle valves		DN: 15 à 25 P max : 200 bar T : -50 à 450 °C Full bore	Flange / BW / Threaded PN 10/16/20/25/40/50 Class 150/300	
SIGHTS	V16 Sights glass		DN: 25 à 150 P max : 6 bar T : 0 à 225 °C	PN 10/16/20/25/40/50 Flange / BW / SW / Tapped Other: on request	
ACCESSORIES	ISOBOX Signalling / Control box		T : -20 à 70 °C Waterproofing : IP 67 Option : IP 68	Type 1 ISO 5211 - F05 / F07 / F10 Square 11 / 14 / 19 Type 2 ISO 5211 - F12 / F14 / F16 Square 27/36 / 46	Microswitch AC/DC or Proximity sensor AC/DC Option : 
	LIMITBOX Signalling box		T : -20 à 80 °C Waterproofing : IP 65 Option : IP 67	In accordance with NAMUR VDI/VDE 3845	Microswitch AC/DC or Proximity sensor AC/DC Option : 



			MATERIALS	TECHNICAL DATA	OPTIONS
MANUEL OPERATION	LEVER Type LF - LC		Cast iron painted Alumina	LC : Notched lever LF : Lever	Position plate Pad lock
	SAPAG worm gear box Type AB-R242		Cast iron painted	Stainless Steel Position indicator Mechanical stop Temperature : -40°C +120°C IP65	Hand wheel extension / lockable Stainless Steel shaft and fastener IP68 Switch box / hand wheel + chain
PNEUMATIC ACTUATORS	SAPAG ¼ turn Scotch Yoke Type GD - GS		Aluminium	GD : Double acting SR : Single acting spring return Air pressure : 2 to 10 bar Temperature : -20°C +80°C	Emergency hand wheel Control panel Limit switches box Positioner Position transmitter High temperature to 150°C
	SAPAG ¼ turn Rack and Pinion Type GD - GS		Aluminium	GD : Double acting SR : Single acting spring return Air pressure : 5 to 8 bar Temperature : -20°C +80°C	Emergency hand wheel Control panel Limit switches box Positioner Position transmitter
	LINEAR Piston type		Carbon steel painted or zinc plated Stainless steel Aluminium	Double acting Single acting spring return Air pressure : 4 to 10 bar Temperature : -20°C +80°C	Emergency hand wheel Special painting Air buffer tank
ELECTRIC ACTUATORS	BERNARD CONTROL ¼ turn AQ Switch /AQ Logic		Full aluminum body Covered by heavy duty Powder coating acc to EN12944-C4	Voltage Mono - tri 115V till 480V 50Hz-60Hz On-off - control IP68 NEMA 4X Bluetooth control via mobil App	Position Potentiometer Position transmitter Positionner 4-20mA Profibus DPVI Modbus RTU
	AUMA ¼ Turn SA + GS - SAR		Steel painted up to EN12944 C5 standard	SA : ON/OFF SAR : Control 3 phase AC - 1 phase AC and DC motor IP67 or IP68 Temperature : -40°C +80°C Assembled on worm gear Emergency hand wheel	Local control Remote local control Hand wheel extension PROFIBUS MODBUS Ethernet Positionner
	SAPAG ¼ Turn		Steel painted up to EN12944 C5 standard	ON/OFF or control 3 phase AC - 1 phase AC and DC motor IP67 or IP68 Temperature : -40°C +80°C Assembled on worm gear Emergency hand wheel Lockable	Integrated local control Remote local control Hand wheel extension PROFIBUS MODBUS Ethernet Positionner
ACCESSORIES AND CONTROL PANEL	SOLENOID VALVES		Aluminium Stainless steel Copper alloy Plastic	24VCC - 120V Air pressure : 0 to 10 bar	ATEX certification SIL certification Remoted control panel
	Counterweight for double eccentric valves		2 Rugged design : Limit switch technology Accumulator technology	DN 500 till 2000 P max : 25 bar	Shock absorbers Hydraulic actuator
	POSITIONERS		Polycarbonate Carbon steel painted Stainless steel	Pneumatic : 0,2 - 1 or 0,4 - 2 bar Electro-pneumatic : 4 - 20mA HART protocol Actuator mounted	Display Pressure gauges



DOMAINS AND CUSTOMERS

Our valves are used in water, gas and other fluid transport networks, as well as in fields as diverse as petrochemicals, shipbuilding and process industries in general.



QUALITY

Our quality, safety and environment management system is certified according to :

ISO
9001:2015

ISO
14001:2015

ISO
45001:2018

The service your need **PVI SERVICES**

Our teams are highly qualified and ready to intervene on all types of installations. They have the necessary certifications to work in complete safety. We take care of the maintenance of our products from GACHOT, SAPAG, and other manufacturers.

Preventive and curative maintenance - Repair - Supply of original spare parts - Commissioning - Tailor-made services and solutions

ALL TYPES AND BRANDS OF VALVES · ALL SECTORS OF ACTIVITY





SAPAG VALVES

FRENCH INDUSTRIAL
VALVE MANUFACTURER

2 Rue du Marais
80400 Ham FRANCE

+33 (0)3 23 81 43 00
info@sapag-valves.com

www.sapag-valves.com



SAPAG VALVES has been developing and manufacturing for more than 90 years, a wide range of high quality and high performance valves dedicated to the industry, including butterfly valves (elastomer, PTFE or metal seat), ball valves (carbon steel, stainless steel, others on request), the MONOVAR®, control valve, the CLASAR®, the ultimate check valve, gate valves, and needle valves.

Our products are used in water, gas and other fluid transport networks in fields as diverse as petrochemicals, shipbuilding and process industries in general.

Today the company has more than 100 employees. In addition to the machining, assembly and testing unit for industrial valves, the site includes all the administrative, technical and commercial departments. This proximity enables SAPAG VALVES to ensure responsiveness, follow-up and compliance with our clients' requirements.

Our products are present in more than 70 countries around the world and our production is regularly exported to all 6 continents.

