



V16

BALL VALVE
GACHOT®

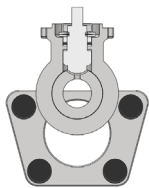
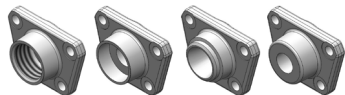




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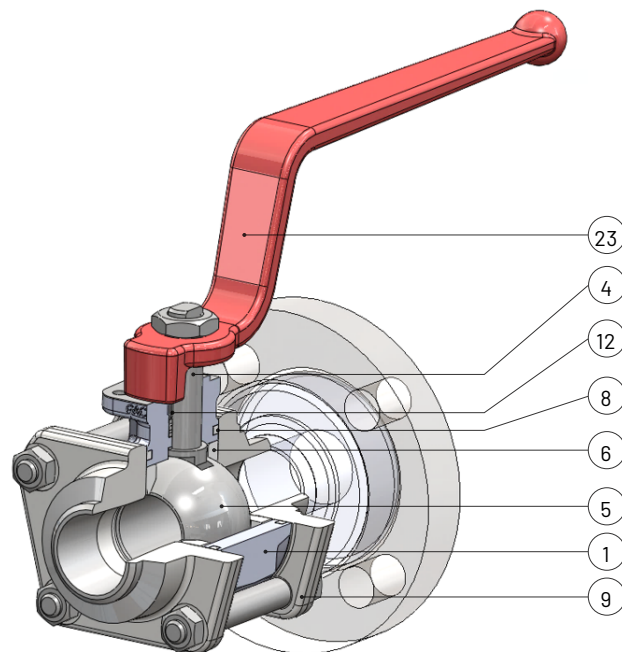


Performances	The maximum pressures and temperatures depend on the pressure/temperature ratio and the nature of the fluid.			
	Temperature, °C	-196 °C	-50 °C	305 °C
	Pressure, bar	0	100	100 bar
	Diameter, mm	DN8	DN200	DN250
Technology	3 Pieces and Floating ball			
Face to Face	ISO 5752 Series 1 / EN 558 Series 1 / DIN 3202			
Design norm	CODAP / EN 1983 / ISO 7121 / BS 5351			
Tightness norm	EN 12266 / ISO 5208 / DIN 3230			
Flanges norm	EN 1092-1 / EN 1092-2 / ISO 7005-1 / EN 1759-1			
Stuffing Box	Anti-ejection and antistatic system in compliance with ISO 7121. BS-5351. TA-LUFT on request.			
ISO Top plate	Integrated ISO base for simplified motorization.			
Body	Forged design. Sealing maintenance facilitated by the accessibility of the central part.			
Flanges	Trapezoidal forged design for maintenance without disassembly of fasteners.			
End-Connection	Available in welded version (BW and SW), threaded gas / conical gas / NPT, flanged (PN, Class), or others on request.			
Ball	<ul style="list-style-type: none"> Decompression system. Reduced pressure drop by its design. Specific finishing on request. 			
Tightness	Seat with notches for automatic decompression of the dead zone.			
Options	Numerous options and special applications: 3-way, tank bottom, cryogenic extension, heating jacket, high temperature design.			
Modular system	The central part can be changed to change the function of the valve.			

Part List

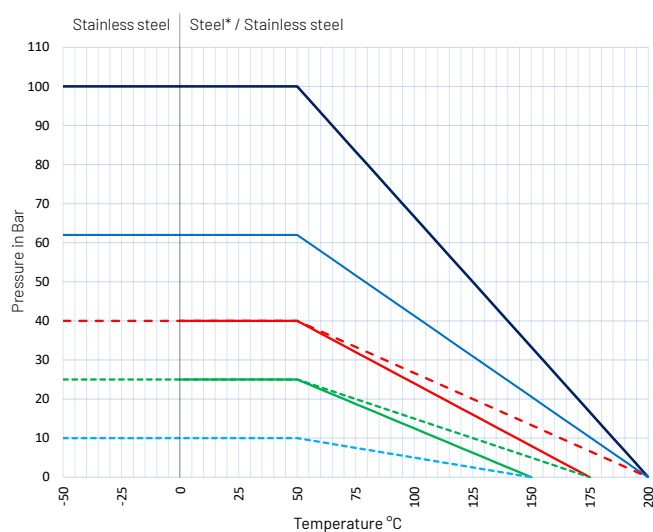
	Designation	Materials ⁽¹⁾	
①	Body	Carbon steel	ASTM A 105
		Stainless steel	ASTM A182-F 316L
⑤	Ball	Stainless steel	AISI 316L
④	Stem	Stainless steel	AISI 316L
⑧	Body gaskets ⁽¹⁾	PTFE / TFM 1600 / TFM 4105 / PVG / PEEK	
⑥	Seats ⁽¹⁾	PTFE / TFM 1600 / TFM 4105 / PVG / PEEK	
⑫	Trim ⁽¹⁾	PTFE / Graphite / VITON	
⑨	Flanges	Carbon steel	ASTM A 105
		Stainless steel	ASTM A182-F 316L
⑳	Lever	Stainless steel	

(1) Others on request

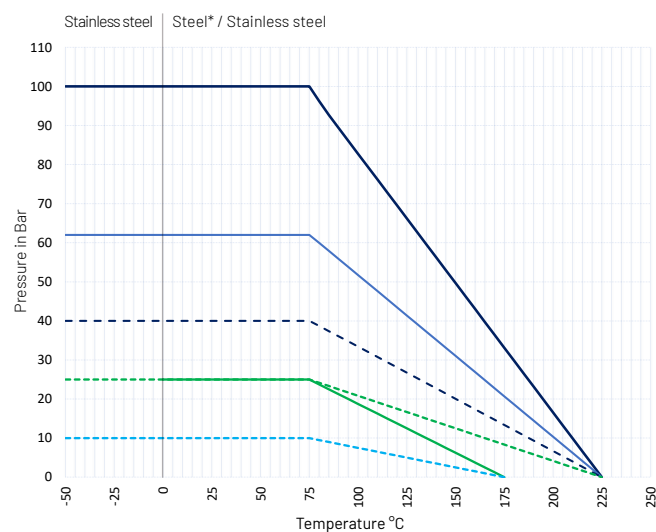


Pressure / Temperature curves

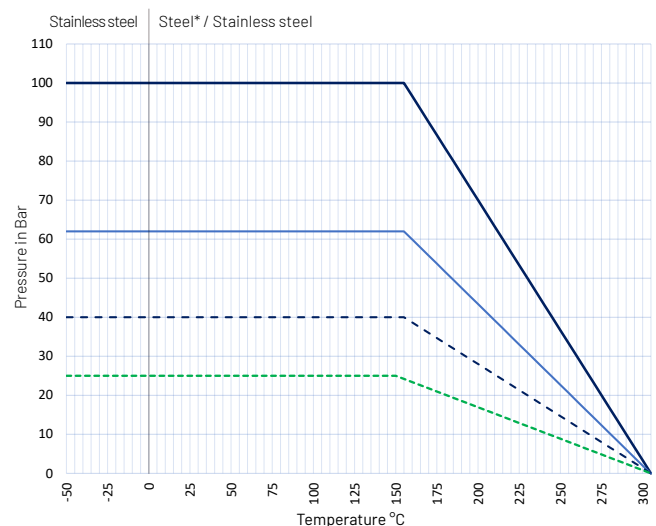
PTFE PUR / TFM 1600



TFM 4105 / PVG



PEEK



* Option -29 °C on request

—	Steel: DN8 - DN25 (DN8I - DN20I)
—	Stainless steel: DN8 - DN15 (DN8I - DN12I)
—	Steel: DN32 - DN65 (DN25I - DN50I)
—	Stainless steel: DN20 - DN25 (DN15I - DN20I)
- - -	Steel: DN80 - DN150 (DN65I - DN100I)
- - -	Stainless Steel: DN32 - DN65 (DN25I - DN50I)
- . - . -	Stainless steel: DN32 - DN65 (DN25I - DN50I)
- . - . -	(PTFE PUR / TFM 1600)
—	Steel: DN80 - DN150 (DN65I - DN100I)
—	(PTFE PUR / TFM 1600)
- - -	Stainless steel: DN80 - DN150 (DN65I - DN100I)
—	Steel: DN200 (DN150I)
- - -	Stainless steel: DN200 (DN150I)