



V15

BALL VALVE
GACHOT®



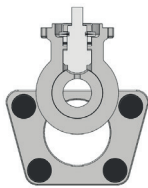


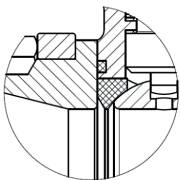
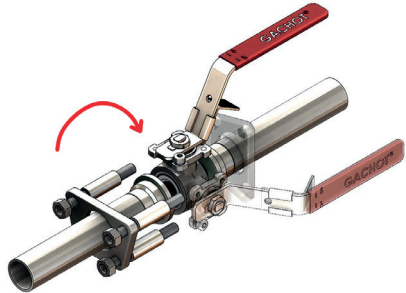
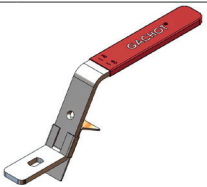

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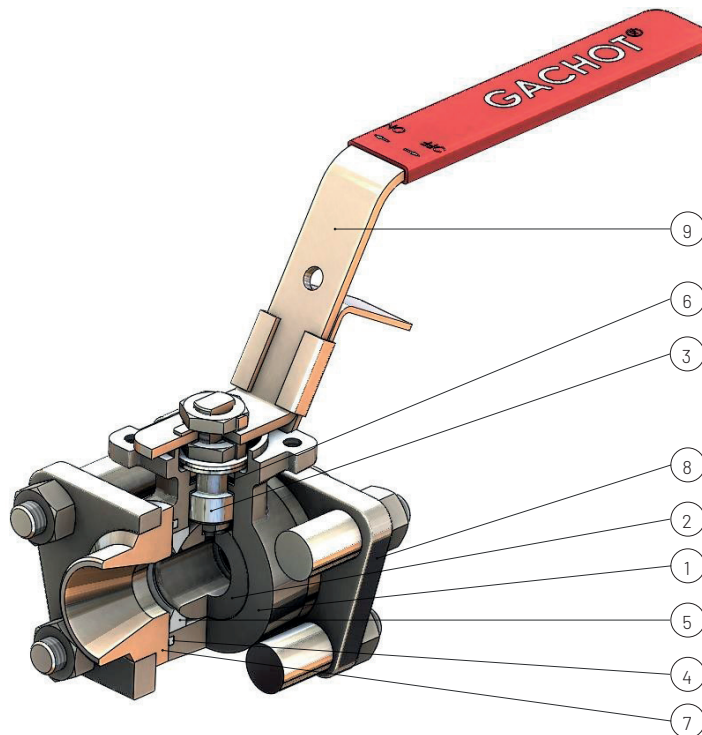
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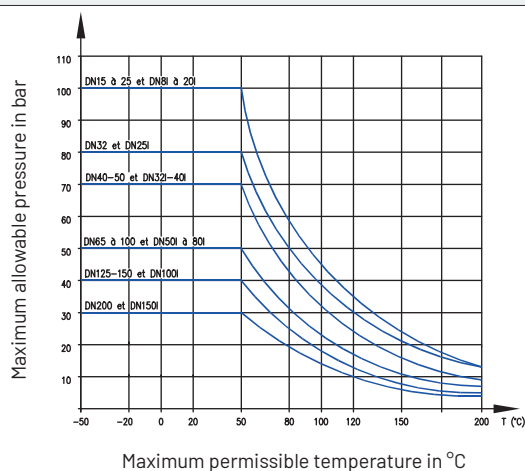
	The maximum pressures and temperatures depend on the pressure / temperature ratio and the type of fluid.	
Performances	Temperature, °C	-196 °C -50 °C* 280 °C 700 °C
	Pressure, bar	0 100 100 bar
	Diameter, mm	DN81 DN200R DN250
	* -29 °C for carbon steel	
	Laboratory tested over 90,000 cycles (Level EL5+ following EN17070).	
Technology	3-Piece Technology and Floating Sphere	
Face to Face	EN 12982 / EN 558 Series 1	
Design standard	EN 13445 / DIN 3840 / EN 12516.3	
Tightness standard	NF EN 12266 / ISO 5208	
Cable gland	Anti-ejection and anti-loosening system with force resumption guaranteeing a perfect seal with a series of gaskets.	
Base	ISO 5211 base Option: motorized extension	
Body	Sealing maintenance eased by the accessibility of the central part.	
Flanges	DN81 to DN50R : Trapezoidal with shoulder bolts	
	Shoulder bolts ensure perfect alignment when welding the end caps	
	DN65R to DN100R : Square bolts screwed into the body	
	DN125R to DN200R : Cylindrical bolts screwed into the body	
End caps	Standard : BW SW welded, gas threaded, NPT	
	On request : SMS, orbital welding, etc.	
Ball	Decompression by drilling the flat surface. Reduced pressure drop thanks to its design. Special finish available on request.	
Tightness	Two lip seats coupled with two body seals ensure tightness.	
End fittings and flanges	360° orientation on piping DN81 to DN50R :	
	Assembly of the central section without dismantling the flanges or tie rods Quick dismantling/assembly	
Lockable lever	DN81 to DN65R : Lever Stainless steel sheet DN80R to DN200R Lever Sliding bar	
Approvals		
Directive 2014/68/UE	Fluid: liquid gas group 1	

Nomenclature

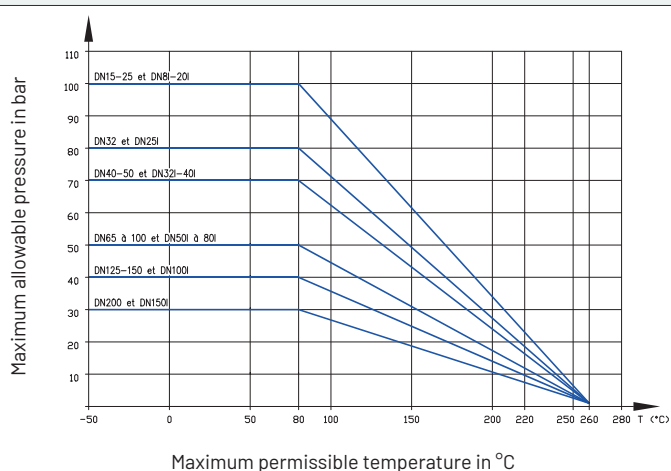
	Designation	Materials	
1	Body	Carbon steel	1.0619 / A216 WCB
		Stainless steel	1.4409 / CF3M
2	Ball	Stainless steel	1.4409 / CF3M
3	Stem		1.4404 / 316L DN<65R
		Stainless steel	1.4462 / Duplex DN>50R
4	Body gaskets	PTFE 2 nd generation / PTFE Carbon / PTFE ACS	
5	Seats	PTFE 2 nd generation / PTFE PEEK / PEEK / PTFE Carbone / PTFE ACS	
6	Trim	PTFE 2 nd generation / PTFE Carbon / PTFE carbon graphite / PTFE ACS	
7	End pieces	Carbon steel	1.0619 / WCB
		Stainless steel	1.4409 / CF3M
8	Flanges	Stainless steel	1.4408 / CF8M
9	Lever	Stainless steel	1.4301 / 304



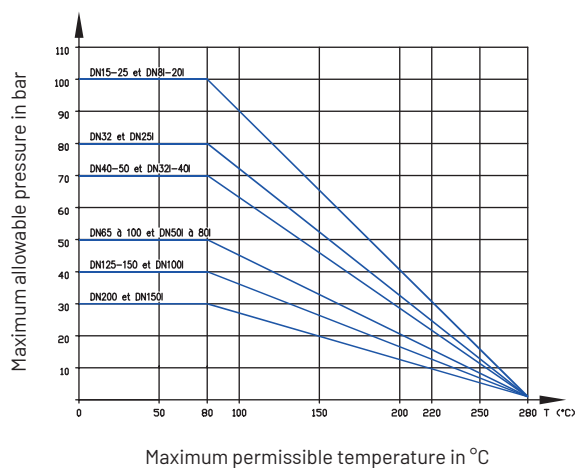
Courbes Pression / Temperature

PTFE 2nd generation

PTFE PEEK 20%



PEEK



PTFE carbon 25%

