

702-703 XS-F BALL VALVE

FEATURES

The 702 and 703 XS-F ball valves are dedicated to the shut off of industrial fluid's lines up to 137 bar pressure and 220°C temperature. The construction type of this high-performance valve is a full bore 3 pieces with body integrated screws. The double tightness system for body and stem, the anti-static device and the fire safe design make the valve applicable for oil and gas uses. This valve is CE, fire safe and ATEX certified. The ISO 5211 standardized mounting pad allows an easy actuation of the valve.



AVAILABLE MODELS

702 XS-F : Carbon steel body.

703 XS-F : Stainless steel body.

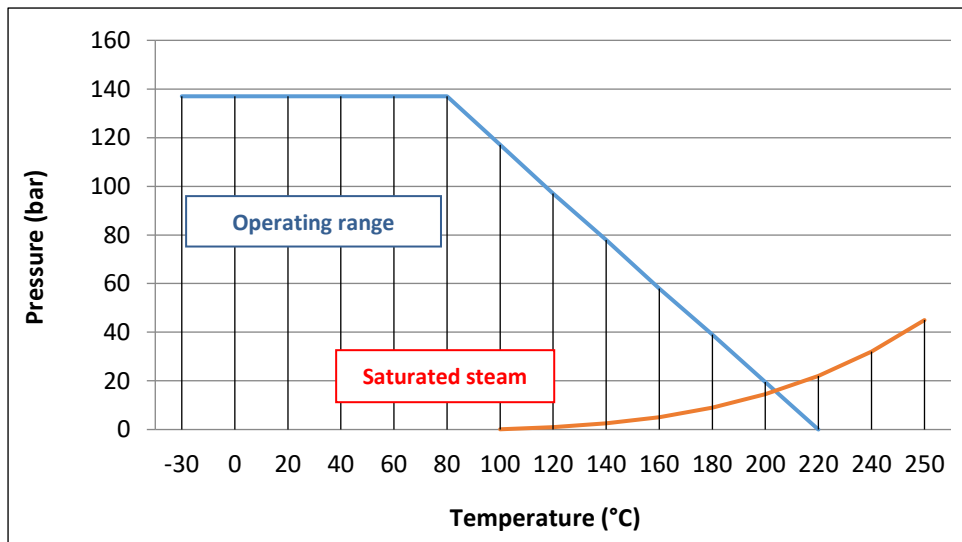
Diameters : 1/4" to 2".

SP and NPT threaded, SW and BW welded connections.



LIMITS OF USE

Fluid pressure : PS	137 bar
Fluid temperature : TS	<u>Steel</u> : -20°C / +220°C <u>SS</u> : -20°C / +180°C
Limits of use with steam	15 bar / +200°C



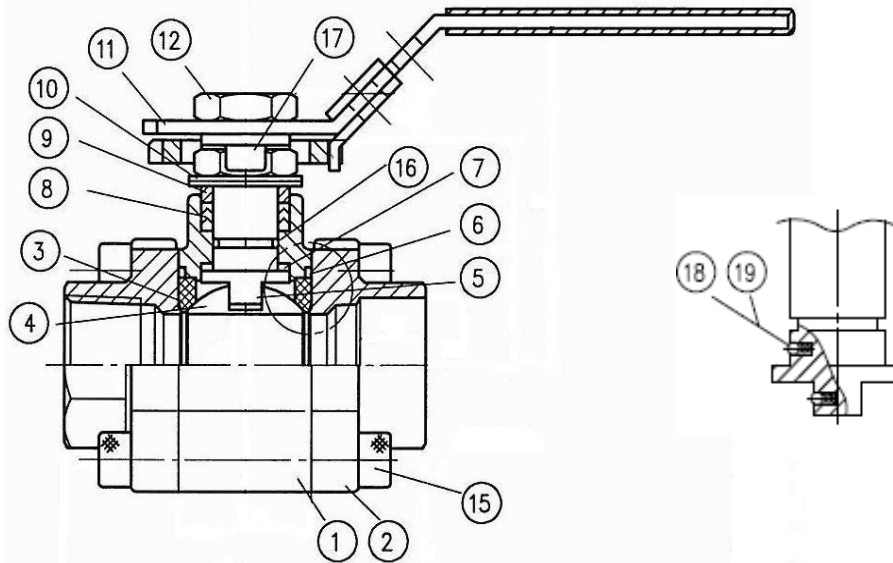
Information given as an indication only, and subject to possible modifications

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		Rev.	02
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DIRECTIVES AND MANUFACTURING STANDARD

OBJET	Standard	ON	OBJET	Standard
Directive CE pression 2014/68	1/4" to 1" : not subject		Final test	API 598
	1"1/4 to 2" : category III	TÜV 0035	Material certificate	EN 10204
Conception	ANSI B16.34		Résistance à la corrosion	NACE MR-0175
Size	EN 12516-1		Fire safe	API 607/4
Steel grade	EN 1503-2		Motorisation connection	ISO 5211
BSP threaded connection	ISO 228-1		NPT Threaded connection	ANSI B1.20
ATEX Directive	II 2G/D Tx zones 1,2,21 and 22	SIRA 0518		
	EN 13463-1			



CONSTRUCTION

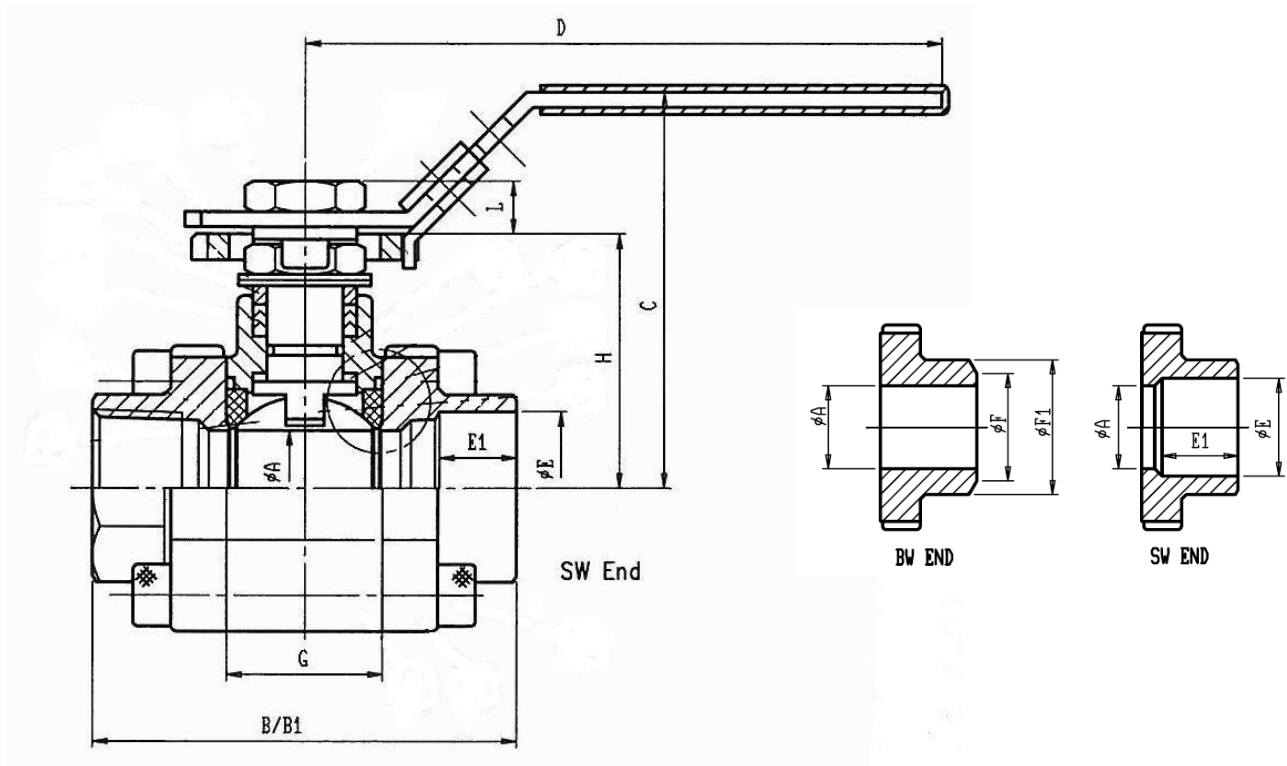
No.	Name	Steel	Stainless steel	No.	Name	Steel	Stainless steel
1	Body	Carbon steel 1.0619	Stainless steel 1.4408	11	Lever		304 SS
2	Caps	Carbon steel 1.0619	Stainless steel 1.4408	12	Lever nut		304 SS
3	Seats	PTFE + 50%	RPTFE SS	13	Pin		304 SS
4	Ball		316 SS	14	Cover		PVC
5	Stem		316 SS	15	Screw		ISO 898 12.9
6	Body gasket		Graphite	16	O-ring		FPM
7	Ring		PTFE + 50% SS	17	Locking device		304 SS
8	Packing		Graphite	18	Anti-static ball		316 SS
9	Washer		304 SS	19	Spring		316 SS
10	Belleville washer		301 SS				

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DIMENSIONS (mm)



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
A	16	20	24,5	32	38	50
B (SW)	75	80	90	110	120	140
B1 (BW)	75	90	100	110	125	150
C	70.9	73.4	84.1	89.3	109.5	118.9
D	110	110	135	135	165	165
E	21.8	27.2	33.9	42.7	48.8	61.2
E1	11.2	14.3	15.8	17.5	19.1	21.3
F (BW)	17	22	28	37	43	54
F1 (BW)	21.3	26.9	33.7	42.4	48.3	60.3
G	25.2	27.7	33	41.2	49.3	63.6
H	42.3	44.8	54	59.2	73.5	82.9
L	8	8	10	10	14.8	14.8

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