

737-747 XS BALL VALVE

FEATURES

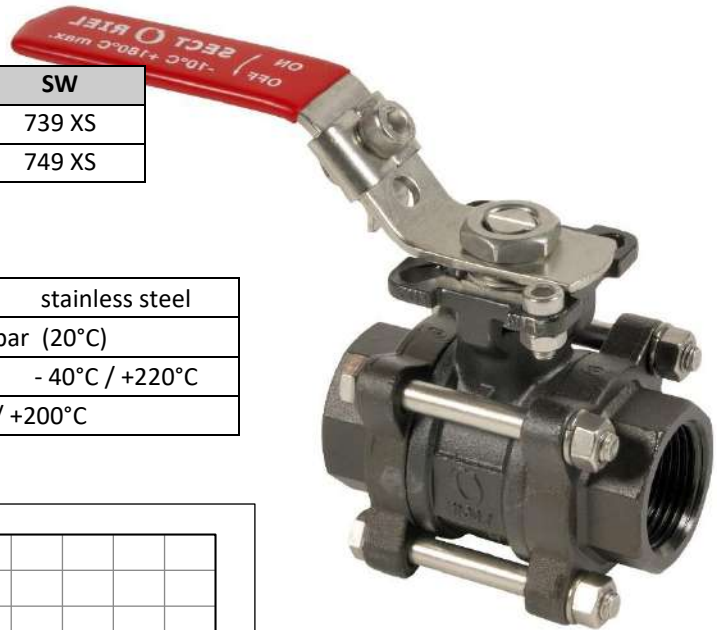
737XS (steel) and 747XS (stainless steel) 2-way ball valves are designed for the shut-off of networks of high-temperature fluids, such as saturated steam up to 15 bar. These 3-piece external tie-bolt ball valves are easy to remove for servicing. This full-bore valve has an anti-static device and double sealing at the packing gland. It is EC-, ATEX- fire safety- and TA-LUFT-approved.



AVAILABLE MODELS

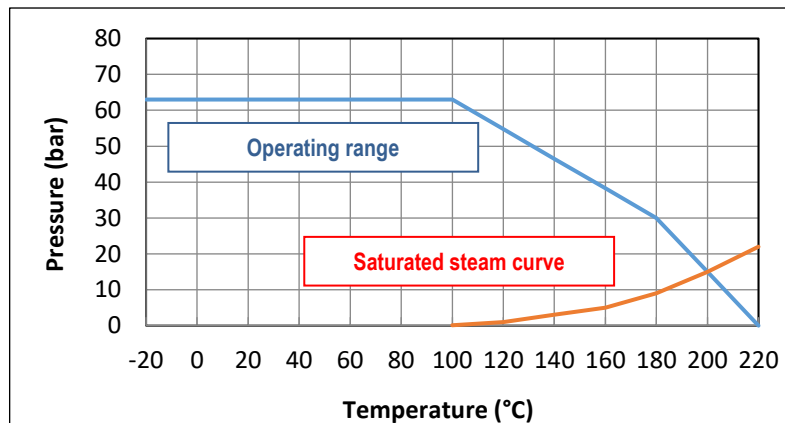
1/2" to 2"

Connection	G	BW	SW
steel	737 XS	738 XS	739 XS
stainless st.	747 XS	748 XS	749 XS



LIMITS OF USE

Material	steel	stainless steel
Fluid pressure: PS	63 bar (20°C)	
Fluid temperature: WT°	-25°C / +220°C	- 40°C / +220°C
Use on steam	15 bar / +200°C	



DIRECTIVES AND MANUFACTURING STANDARDS

OBJECT	Standard	ON	OBJECT	Standard
Pressure Equipment Directive 2014/68/EC	1/2" to 1": not subject	TÜV 0035	Final test	EN 12266
	1"1/4 to 2": category III		Material certificate	EN 10204
Size	EN 12516-1		Motorisation connection	ISO 5211
Fire safe	API 607/5 – ISO 10497-5			
ATEX Directive	II 2G/D Tx zones 1,2,21 and 22	SIRA 0518		
	EN 13463-1 and 5			

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



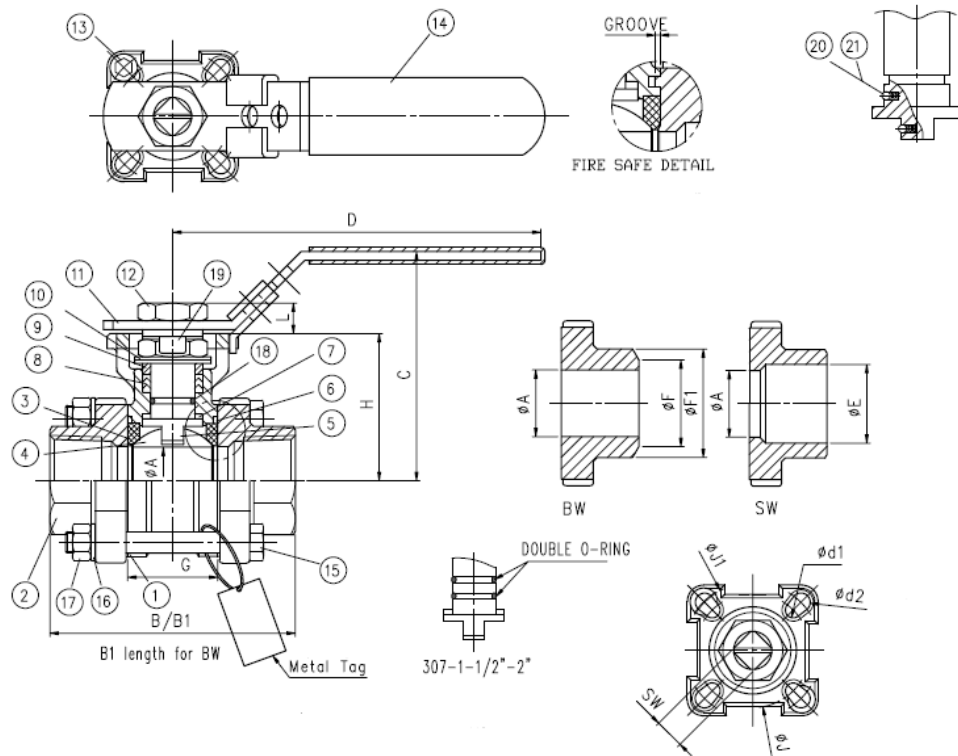
SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER – FRANCE
Telephone: +33 4 74 94 90 70 – Fax: +33 4 74 94 13 95
www.sectoriel.fr / Email : sectoriel@sectoriel.fr

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CONSTRUCTION

No.	Name	Steel	Stainless steel	No.	Name	Steel	Stainless steel
1	Body	1.0619	1.4408	12	Nut	304 SS	304 SS
2	Ends	1.0619	1.4408	13	Stop	304 SS	304 SS
3*	Seats	PTFE+50% stainless steel	PTFE+50% stainless steel	14	Coupling	PVC	PVC
4	Ball	CF8M / 316	CF8M / 316	15	Tie-bolts	304 SS	304 SS
5	Stem	316 SS	316 SS	16	Washer	304 SS	304 SS
6*	Body gasket	Graphite	Graphite	17	Nuts	304 SS	304 SS
7*	Washer	PTFE+15%GF	PTFE+15%GF	18*	O-ring	FPM	FPM
8*	Gasket	Graphite	Graphite	19	Tab washer	304 SS	304 SS
9	Spacer	301 SS	301 SS	20	Anti-static	316 SS	316 SS
10	B. washer	301 SS	301 SS	21	Spring	304 SS	304 SS
11	Lever	304 SS	304 SS	* Parts included in the maintenance kit			



DIMENSIONS (mm)

DN	A	B	B	B1	C	D	E	F	F1	G	H	J1	SW
		(G)	(SW)	(BW)									
1/2"	16	75	75	75	70.9	110	21.9	17	22.4	25.2	42.3	42	9
3/4"	20	80	80	90	73.4	110	27.2	22	28.2	27.7	44.8	42	9
1"	24.5	90	90	100	84.1	135	34.0	28	33.7	33.0	54.0	50	11
1" 1/4	32	110	110	110	89.3	135	42.7	37	44.0	41.2	59.2	50	11
1" 1/2	38	120	120	125	109.5	165	48.8	43	50.8	49.3	73.5	70	14
2"	50	140	140	150	118.9	165	61.3	54	62.6	63.6	82.9	70	14

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	SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER – FRANCE Telephone: +33 4 74 94 90 70 – Fax: +33 4 74 94 13 95 www.sectoriel.fr / Email : sectoriel@sectoriel.fr		Pages	2/2
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