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.

SÉCU FEU

TA LUF

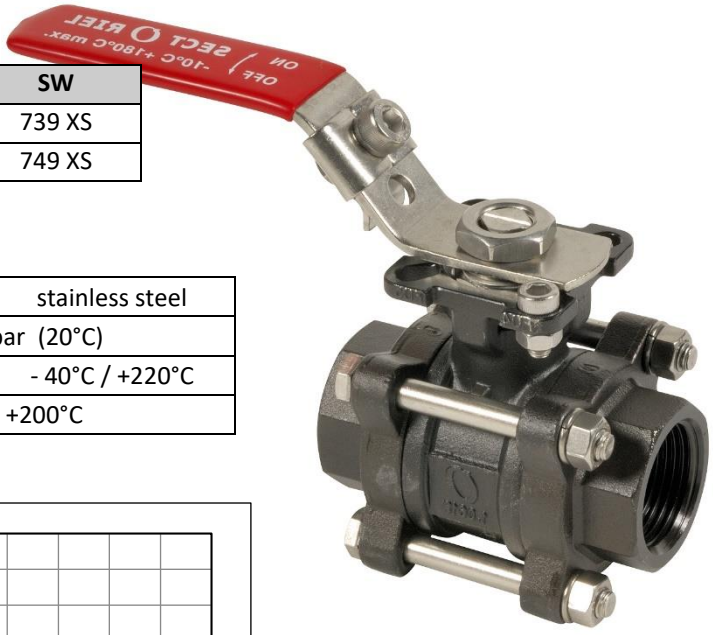
3.1 Cert.

CE 0035

AVAILABLE MODELS

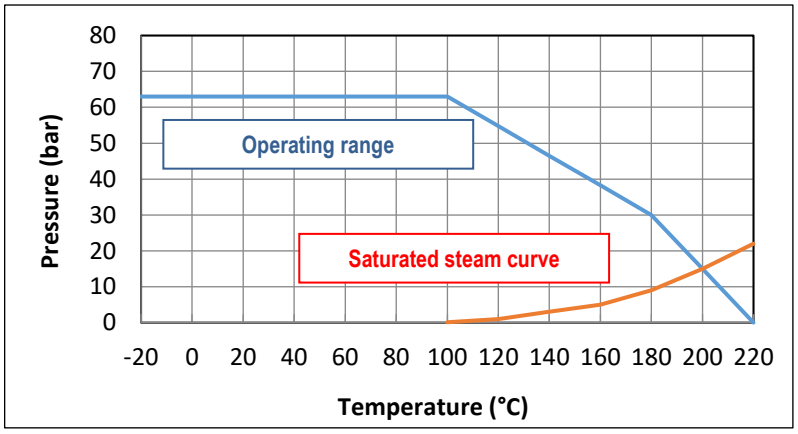
1/2" to 2''

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		Final test	EN 12266
	1''1/4 to 2'': category III	TÜV 0035	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			

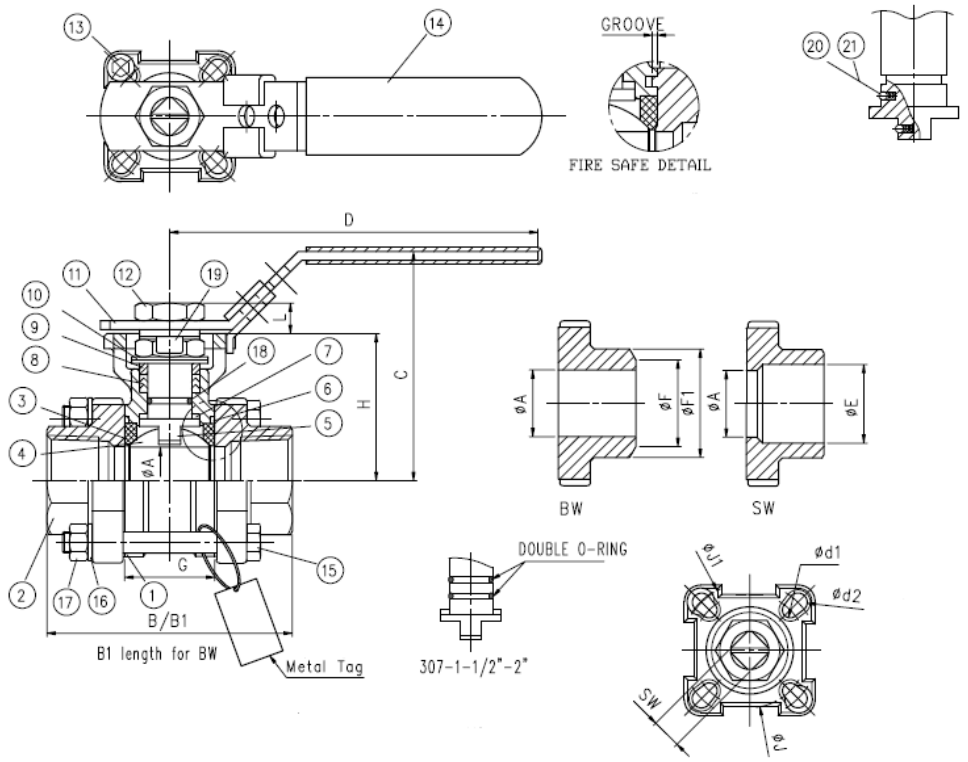
Information given as an indication only, and subject to possible modifications

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

737-747 XS BALL VALVE

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 (G)	B (SW)	B1 (BW)	C	D	E	F	F1	G	H	J1	SW
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

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