737-747 XS BALL VALVE WITH ACTUATOR

MAIN CHARACTERISTICS

The 737-747XS ball valves are dedicated to the shut off of high temperature fluids like saturated steam service up to 15 bar / 220°C. With 3 pieces full port construction, the valve exists in carbon steel or stainless steel body with double tightness: PTFE-SS and graphite.

The ISO 5211 flange allows an easy mounting of standardized actuators. The pneumatic actuation through the DA actuator is available in double effect and spring return types with numerous options.



AVAILABLE MODELS

737 XS : carbon steel body, G connection 1/4" to 2"

747 XS : stainless steel body, G connection 1/4" to 2"

CLASSIFICATION FOLLOWING PED

Sizes < 1" not subjected to PED acc. to A3 §3

Sizes 1"¼ to 2" category II : CE 0035 homologation

HOMOLOGATIONS

Fire safe according to API 607/4

ATEX for areas 1, 2, 21 et 22

Fugitives emissions : TA LUFT

LIMITS OF USE

PS	TS
64 bar @ 20°C	-10°C / +220°C

Steam service : max. 15 bar / 200°C

OPTIONS

Declutchable gear box
Oversized actuator
Limits switches box
NAMUR pilot valve

ACTUATOR TYPE

See our technical data sheet.

MOTORIZATION WITH ACTUATOR

The actuators are sized for following operating conditions :
- 6 bar compressed air supply,
- max. pressure differential up/downstream : 10 bar.

Size	Double effect	Sping return
½"	DA 20	SR 20
¾"	DA 20	SR 40
1"	DA 20	SR 40
1"¼	DA 20	SR 80
1"½	DA 40	SR 130
2"	DA 80	SR 200

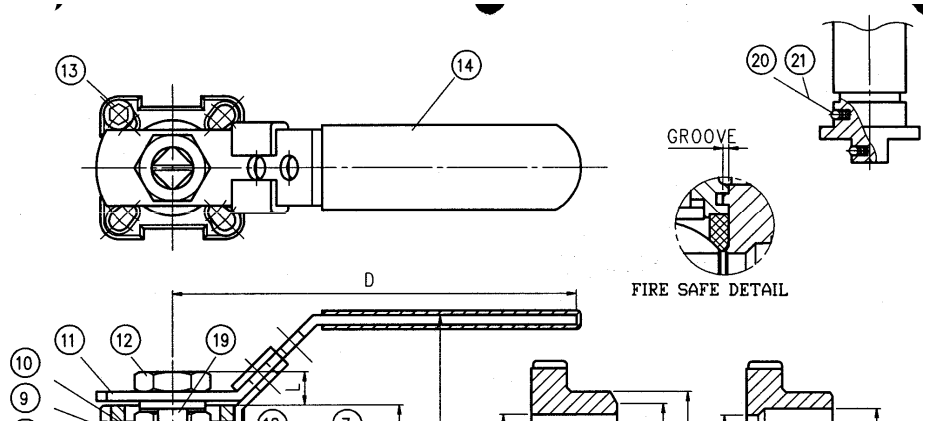
For any other operating condition, please consult.

OVERALL DIMENSIONS

To know the overall dimensions of the 737+ pneumatic actuator assembly, see the attached drawing on page 4 of this document.

Modifications reserved

737-747 XS BALL VALVE WITH ACTUATOR



CONSTRUCTION

Item	Part	737 XS	747 XS	Item	Part	737 XS	747 XS
1	Body	CS 1.0619	SS 1.4408	**11**	Lever	AISI 304	
2	Nozzle	CS 1.0619	SS 1.4408	**12**	Nut	AISI 304	
3	Seats	PTFE+50%SS	PTFE+50%SS	**13**	Pin	Inox 304	
4	Ball	SS 1.4408		**14**	Cover	PVC	
5	Stem	SS 1.4401		**15**	Screw	AISI 304	
6	Body gasket	Graphite		**16**	Washer	AISI 304	
7	Stem packing	PTFE + 15% G.F.		**17**	Nut	AISI 304	
8	Stem packing	Graphite		**18**	O-ring	FPM	
9	Ring	AISI 304		**19**	Locking	AISI 304	
10	Belleville washer	AISI 301		**20**	Antistatic	AISI 316	

DIMENSIONS (mm)

size	½"	¾"	1"	1"¼	1"½	2"
A	16	20	24,5	32	38	50
B	75	80	90	110	120	140
C	70,9	73,4	84,1	89,3	109,5	118,9
D	110	110	135	135	165	165
E	21,9	27,2	34	42,7	48,8	61,3
ISO	F03/F04 sq 9	F03/F04 sq 9	F04/F05 sq 11	F04/F05 sq 11	F05/F07 sq 14	F05/F07 sq 14

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