736XS-746 XS VALVE WITH PNEUMATIC ACTUATOR

VALVE FEATURES

The 736 XS-746 XS is a 3 pieces full bore ball valve for industrial fluids, especially made to be easily actuated and to offer a good and long service. The ISO mounting pad allows a direct mounting of actuators. The special neck has apertures allowing to check for an hypothetic leakage. The ball and the anti blow-out stem are made of stainless steel, the seats of fiber-glass reinforced PTFE, the stem is equipped with a PTFE packing together with FPM O-ring. The valve also features an antistatic device. The face to face is DIN3202-M3 normalized. The pneumatic actuator is available in both double acting and spring return types.



CE

Ex

TA Luft

3.1 Cert

AVAILABLE MODELS

Model	Body	Connections	Sizes
734 XS	Carbon steel	BW	1/4"-2"
735 XS		SW	1/4"-2"
736 XS		G ISO 7	1/4"-4"
743 XS	Stainless steel	SW	1/4"-2"
745 XS		BW	1/4"-2"
746 XS		G ISO 7	1/4"-4"

CE 97/23 CLASSIFICATION

Not concerned for sizes DN25 (art.3§3)

Category II from sizes 32 : homologation CE 0035

CHARACTERISTICS

Max. pressure : PS	64 bar (20°C)
Max. temperature : TS	-10°C / +180°C

COEFFICIENT Cv

¼"	3/8"	½"	¾"	1"	1"1/4	1"1/2	2"
8	11,5	17	34	57	80	143	245

TYPE ACTUATOR

Please see our technical datasheet.

ACTUATOR SIZING

The standard sizing is for :

- 6 bar actuator air pressure supply,
- max 10 bar differential pressure.

Size	Double acting	Spring return
¼"	DA 20	SR 20
½"	DA 20	SR 20
¾"	DA 20	SR 20
1"	DA 20	SR 40
1"¼	DA 20	SR 80
1"½	DA 40	SR 130
2"	DA 80	SR 200
2"½	DA 80	SR 200
3"	DA 130	SR 300
4"	DA 200	SR 300

For any other condition, please consult.

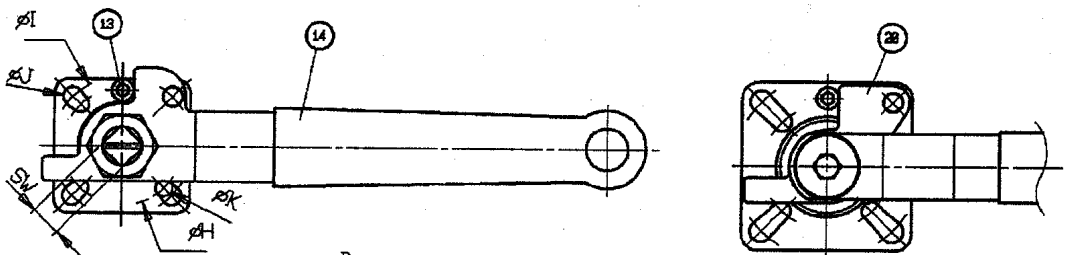
DRAWING & DIMENSIONS

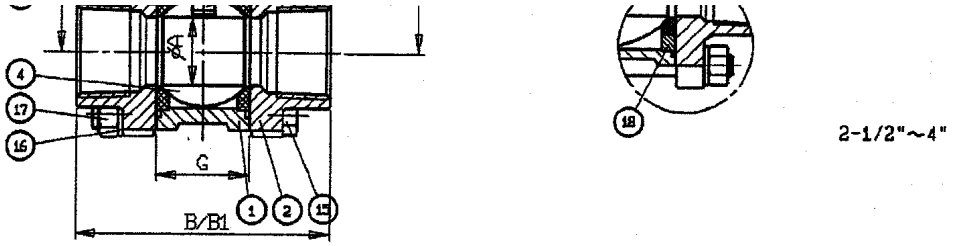
For dimensions, please check drawing n°699 page 4.

Modifications reserved

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CONSTRUCTION

Item	Description	Steel	Stainless steel	Item	Description	Steel	Stainless steel
1	Body	WCB	CF8M / 316	**14**	Lever cover	PVC	PVC
2	Flanges	WCB	CF8M / 316	**15**	Nuts	SS 304	SS 304
3	Seats	PTFE+15%GF	PTFE+15%GF	**16**	Washer	SS 304	SS 304
4	Ball	CF8M / 316	CF8M / 316	**17**	Nuts	SS 304	SS 304
5	Stem	SS 316	SS 316	**18**	Ring	SS 304	SS 304
6	Body gasket	PTFE	PTFE	**19**	O-ring	FPM	FPM
7	Disc	PTFE+15%GF	PTFE+15%GF	**20**	Plate	SS 304	SS 304
8	Gaskets	PTFE	PTFE	**21**	Nut	SS 304	SS 304
9	Spacer	SS 304	SS 304	**22**	Nut	SS 304	SS 304
10	Belleville washer	SS 301	SS 301	**23**	Ball	SS 304	SS 304
11	Lever	SS 304	SS 304	**24**	Spring	SS 304	SS 304
12	Nut	SS 304	SS 304	**25**	Nut	SS 304	SS 304
13	stop	SS 304	SS 304				

DIMENSIONS (mm)

Size	A	B (G)	B (SW)	B (BW)	C	D	E	F	G	H
15	16	75	75	75	80,3	113,5	42,3	9	25,2	36
20	20	80	80	90	82,8	113,5	44,8	9	27,7	36
25	24,5	90	90	100	92,5	186,5	5(	11	33	42
32	32	110	110	110	97,7	186,5	59,2	11	41,2	42
40	38	120	120	125	112,5	221,5	73,5	14	49,3	50
50	50	140	140	190	121,9	221,5	82,9	14	63,6	50

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STANDARDIZATION,

Design according to EN 12516
Body materials according to EN 1503-1
Face to face dimension according to DIN 3202 M3/S13,
Top flange for motorization according to ISO 5211,
Final testing according to EN 12266-1

HOMOLOGATIONS

PED 97/23/CE : Category III module H : homologation CE 0035
ATEX 94/9/CE : Groupe II, category 2, for areas 1,2,21 and 22 : file registered by SIRA 0518
Fugitive emissions : TA-LUFT VDI 2440 DCI from Meettechniek
Production ISO 9001 certified by TÜV Rheinland

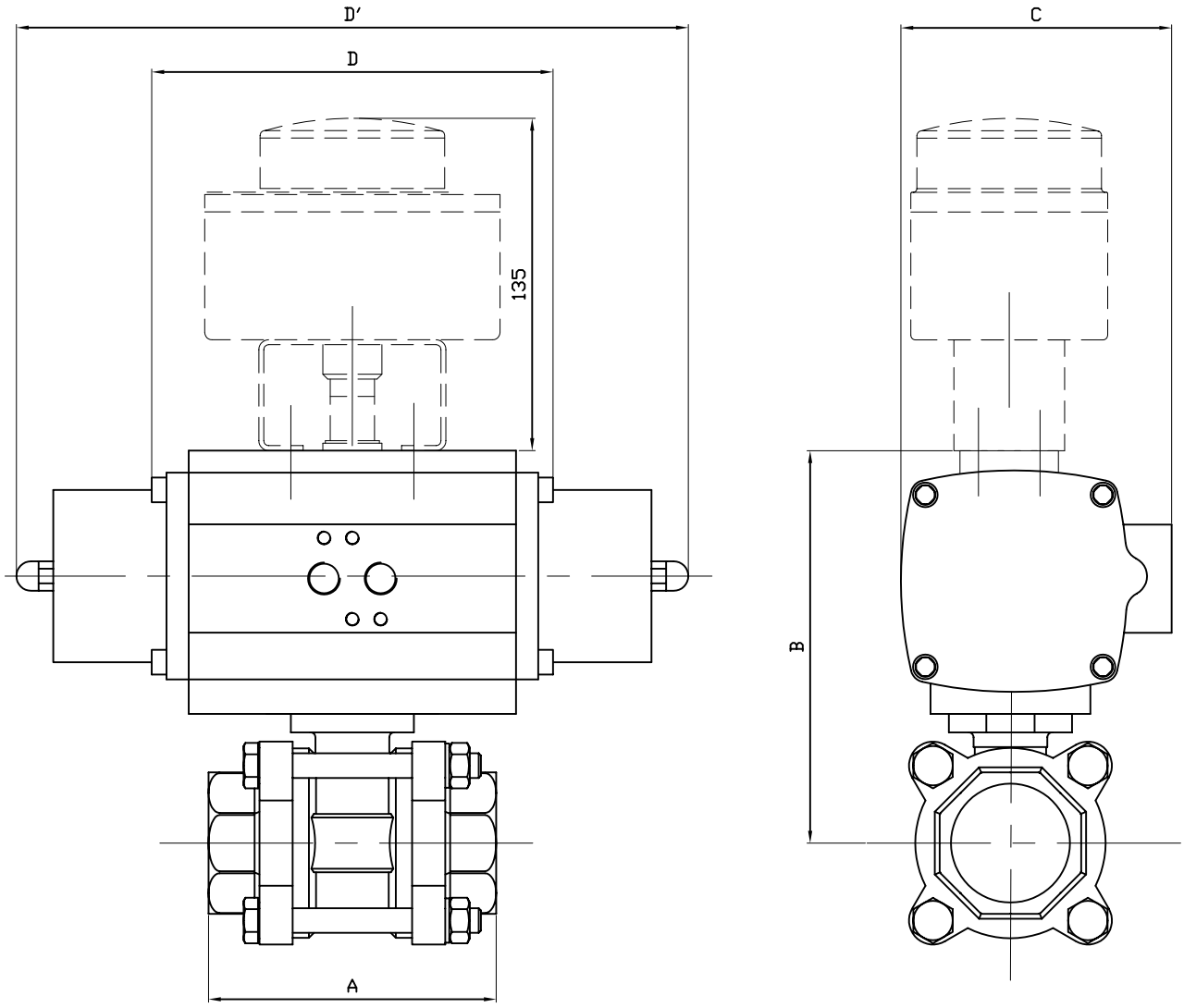
OPTIONS

NPT thread connections
Fire safe execution
Gearbox operation
Oversized actuator
Special coating actuator
Stainless steel actuator
Limit switch box : all types
Namur pilote valve : all types
Positioner
Extended stem for insulation

ATEX ASSEMBLIES

The assembly of the valve with the actuator and accessories is made under our own risks assessment. The actuated valve for hazardous area is delivered with an ATEX assembly certificate and special instructions.

Modifications reserved



DN	1/2"		3/4"		1"		1"1/4		1"1/2		2"	
	20 DE	20 SE	20 DE	40 SE	20 DE	40 SE	20 DE	80 SE	40 DE	130 SE	80 DE	130 SE
A	75		80		90		110		120		140	
B	109	109	111	170*	117	136	125	206*	199*	190	190	199
C	76	76	76	90	76	90	76	111	90	121	111	121
D/D'	128	210	128	230	128	230	128	260	143	270	162	270

* : montage avec arcade de 40

Informations données à titre indicatif et sous réserve de modifications éventuelles

Ech:	Date :26/04/2004	Dessiné par : F.G.	Tolérances générales : +/- 0.2	Modific		REV.
LAURIDSEN industri				Matière :		
				Poids (Kg) :		
				Traitement : SANS		
				Plan n° Ens 699		