

756-757 BALL VALVE WITH PNEUMATIC ACTUATOR

MAIN CHARACTERISTIC

The 756-757 flanged ball valve are dedicated to the automatic shut-off of low and medium pressure industrial fluids up to 16 bar. With a full bore split-body construction type, the 756-757 valve is CE PED 97/23 approved, ATEX, fire-safe and ISO 15848-1 for fugitive emissions certified. The face to face dimension is standardized following ANSI B16.5.

The full ISO 5211 ISO pad enables the direct mounting of standardized actuators. The actuation is available in both double effect and spring return types with numerous options.

AVAILABLE MODELS

Sizes DN 15 à DN 200

Connection with flanges ANSI 150 RF.

Face to face according to ANSI B16.10

756 : carbon steel body

757 : stainless steel body

CLASSIFICATION FOLLOWING PED

Sizes < DN 25: not subjected to PED acc. to A3 §3

Sizes DN32 to 200: category II: CE 0062 homologation

LIMITS OF USE

PS	TS carbon steel	TS stainless steel
20 bar @ 20°C	-20°C/+200°C	-30°C/+200°C

OPTIONS

Declutchable gear box
Oversized actuator
Limits switches box
NAMUR pilot valve

ACTUATOR TYPE

See our technical data sheet.

Modifications reserved



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	Spring return
15	DA 20	SR 40
20	DA 20	SR 40
25	DA 20	SR 80
40	DA 40	SR 80
50	DA 80	SR 200
65	DA 130	SR 300
80	DA 130	SR 300
100	DA 200	SR 500
150	DA 500	SR 850

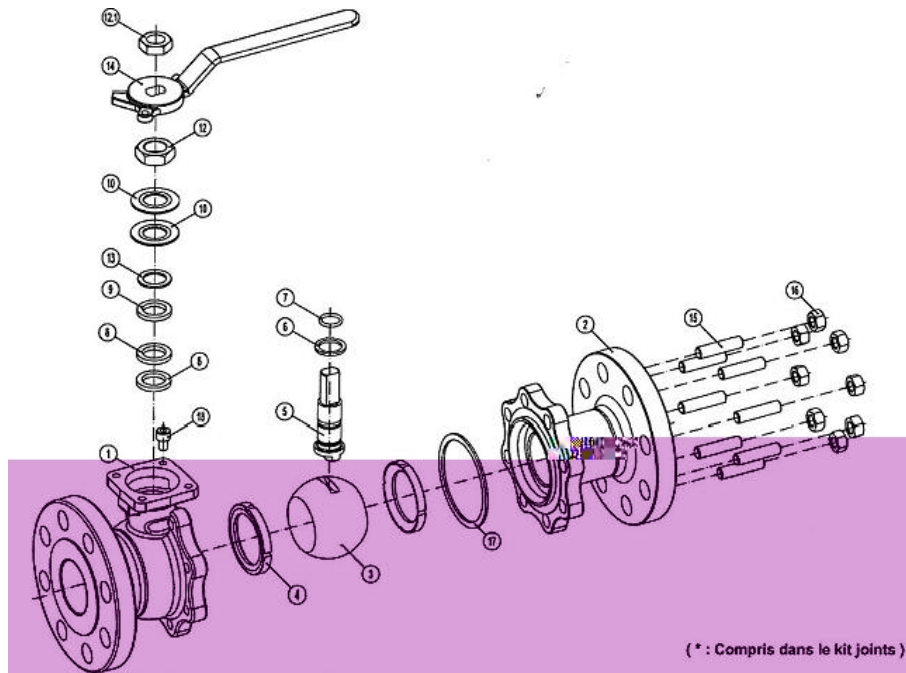
For any other operating condition, please consult.

The linking parts between the valve and the actuator are available in stainless steel, with design according to EN 15081 standard.

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STANDARDS OF CONSTRUCTION

	Standard		Standard
Construction	EN 1983	Flanges	ANSI B16.5
Rating	EN 12516 et API 6D	Face to face	ANSI B16.10
Final test	EN 12266	Motorisation	ISO 5211
Fire safe	ISO 10497-2004	ATEX	II 2 G/D Tx
Fugitive emissions	ISO 15848-1	ATEX areas	1,21, 2 et 22

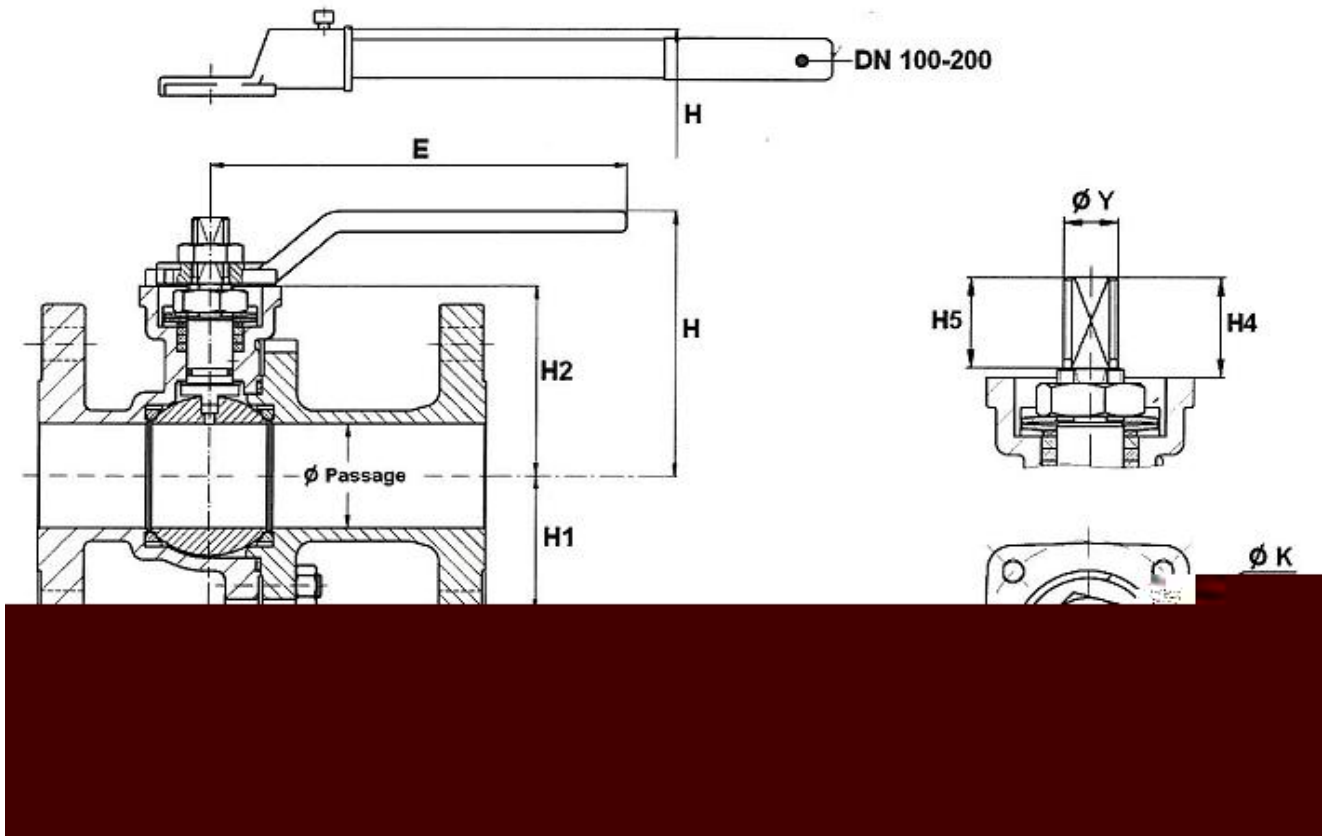


CONSTRUCTION

Item	Part	756 CS	757 SS	Item	Part	756 CS	757 SS
1	Body	A216WCB	CF8M	12	Packing nut	SS 303	
2	Flanges	A216WCB	CF8M	12.1	Lever nut	SS 303	
3	Ball	1.4408		13	Anti-friction ring	PTFE filled graphoil	
4	Seats	PTFE / TFM 1600		14	Lever	SG iron	
5	Stem	1.4401		15	Screws	A193 B7M	A193 B8M
6	Washer	SS 316		16	Nuts	A193 2HM	A193 8M
7	Stem o-ring	FPM		17	Body gasket	SS + PTFE + graphite	
8	Packing	Graphite		18	Pin	A2	
9	Packing gland	SS 303		19	Name plate	Inox	
10	Belleville washer	Inconel 718					

Modifications reserved

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DIMENSIONS (mm)

DN	15	20	25	40	50	65	80	100	150
	15	2	25	40	50	65	78	100	151
L	108	117	127	165	178	190	203	229	394
L1	47	50	52	65	61	75	78.5	90	174
E	170	170	170	215	215	350	450	466	775
H	68	70	86	122.5	127.5	140	190	192.5	259
H1	31	33	39	48	63	78	87	108	152
H2	41	43	58.5	86.5	91.5	104	118.5	144	203
H4	18	18	22	33	33	34	34	45	56
H5	11	11	21	32	32	33	33	43.5	54.5
Y	M10	M10	M12	M18	M18	M22	M22	M28	M36
K	50	50	50	70	70	70	102	102	125
ISO	F05	F05	F05	F07	F07	F07	F10	F10	F12
N x Z	4xM6	4xM6	4xM6	4xM8	4xM8	4xM8	4xM10	4xM10	4xM12
W (kg)	2.4	3.2	4.1	8.1	10.6	13.3	19.1	25.6	63.5

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