

Ref. : BS5163SW

Rev. : Initial

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FORGED STEEL 3 PIECES BALL VALVE 1500LBS

BS5163SW



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

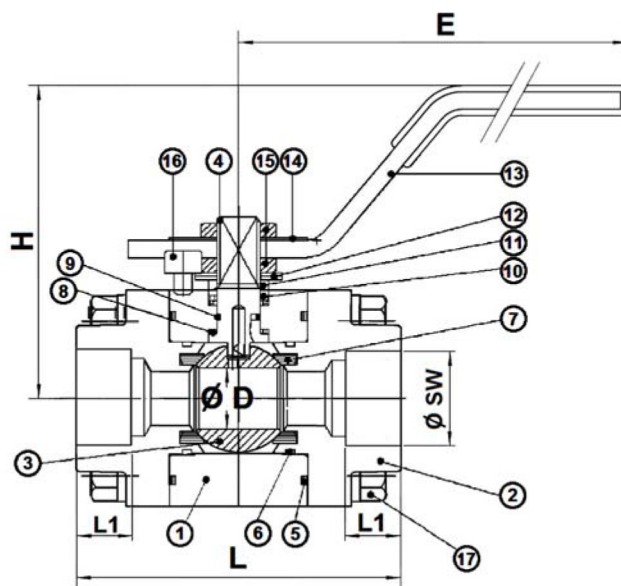
General use: Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air.

GENERAL CHARACTERISTICS

Full bore
Anti blow-out stem
Packing with elastic rings. Double tightness on stem by PTFE filled with 25% glass fiber packing and FKM O ring. Double tightness between body and ends by FKM O ring and graphite gasket
Antistatic device. Fire safe according to API 607 version 4. Atex With ISO 5211 mounting pad. Fully encapsulated bolts
1500 lbs

CONSTRUCTION

17	Bolting	ASTM A320 L7
16	Stop Pin	Zinc plated steel 8.8
15	Nut	ASTM A582 303
14	ID plate	Aluminium
13	Handle	Zinc plated steel
12	Elastic ring	Stainless steel 301
11	Gland	Stainless steel 316
10	Packing	Graphite
9	O ring	FKM
8	Thrust washer	PTFE filled with 25% glass
7	Seat	DEVLON®
6	O ring	FKM
5	Body gasket	Graphite
4	Stem	ASTM A479 316
3	Ball	ASTM A479 316
2	Ends	ASTM A350 LF2
1	Body	ASTM A350 LF2
Pos.	Description	Material



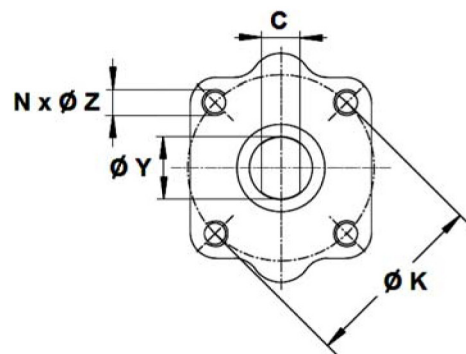
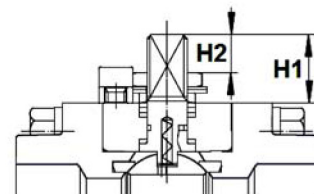
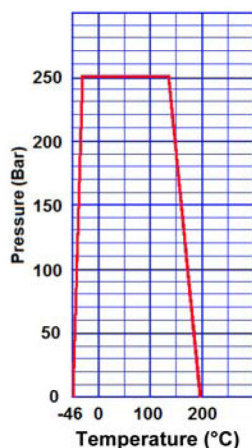
DIMENSIONS

DN		L	H	ØD	E	L1	ØSW	Stem and ISO plate dimensions							Weight (kg)
mm	inch							H1	H2	C	ØY	ØK	ISO	Nx ØZ	
15	1/2"	87	91	14	170	12.7	21.8	12	9.5	7.5	12(M12x1.5)	36	F03	4xM5	2.5
20	3/4"	110	98	19	170	14.5	27.2	18	14	7.5	12(M12x1.5)	36	F03	4xM5	3.2
25	1"	120	119	25	230	16	33.9	30	21	8.9	15(M14x1.5)	42	F04	4xM5	4.7
32	1 1/4"	140	124	32.5	230	17.5	42.7	26	15	8.9	15(M14x1.5)	50	F05	4xM5	6.7
40	1 1/2"	160	147	38	310	19	48.8	35	24	14	21(M20x1.5)	50	F05	4xM5	10
50	2"	200	168	51	400	22	61.2	40	20	18	24(M24x2)	70	F07	4xM5	20

WORKING CONDITIONS

Maximum working pressure : 250 bar
(12 bar maxi for steam).

Working temperature : -46°C/+200°C.



AGREMENT ET NORMES

Fabrication according to ISO 9001 : 2008
DIRECTIVE 2014/68/UE. Risk category III module H
Construction according to ISO 17292
Designing according to ASME B16.34. Tests according to API 598
Fire safe according to API 607 version 4
Socket welding (SW) connection following ASME B16.11
ISO 5211 mounting pad

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