

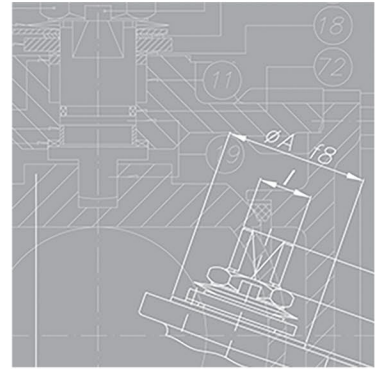
Technical Datasheet

ANSI Ball Valves

800

JC
VALVES

The quality option



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www.jc-valves.com



II 2 G D

FUGITIVE
EMISSIONS
EN-ISO 15848-1
TALUFT / VDI 2440

- Valve design: ASME B16.34
- Body design: ASME VIII Div.1
- Shell thickness: ASME B16.34
- NPT/SW/BW/BSP
- Face to face dimensions: Manufacturer STD.
- Marking: CE - PED / EN 19
- Pressure testing: API 598 - API 6D
- ISO 5211
- NACE MR0175 / ISO 15156 - NACE MR0103 / ISO 17945

Certifications

Company Certificates

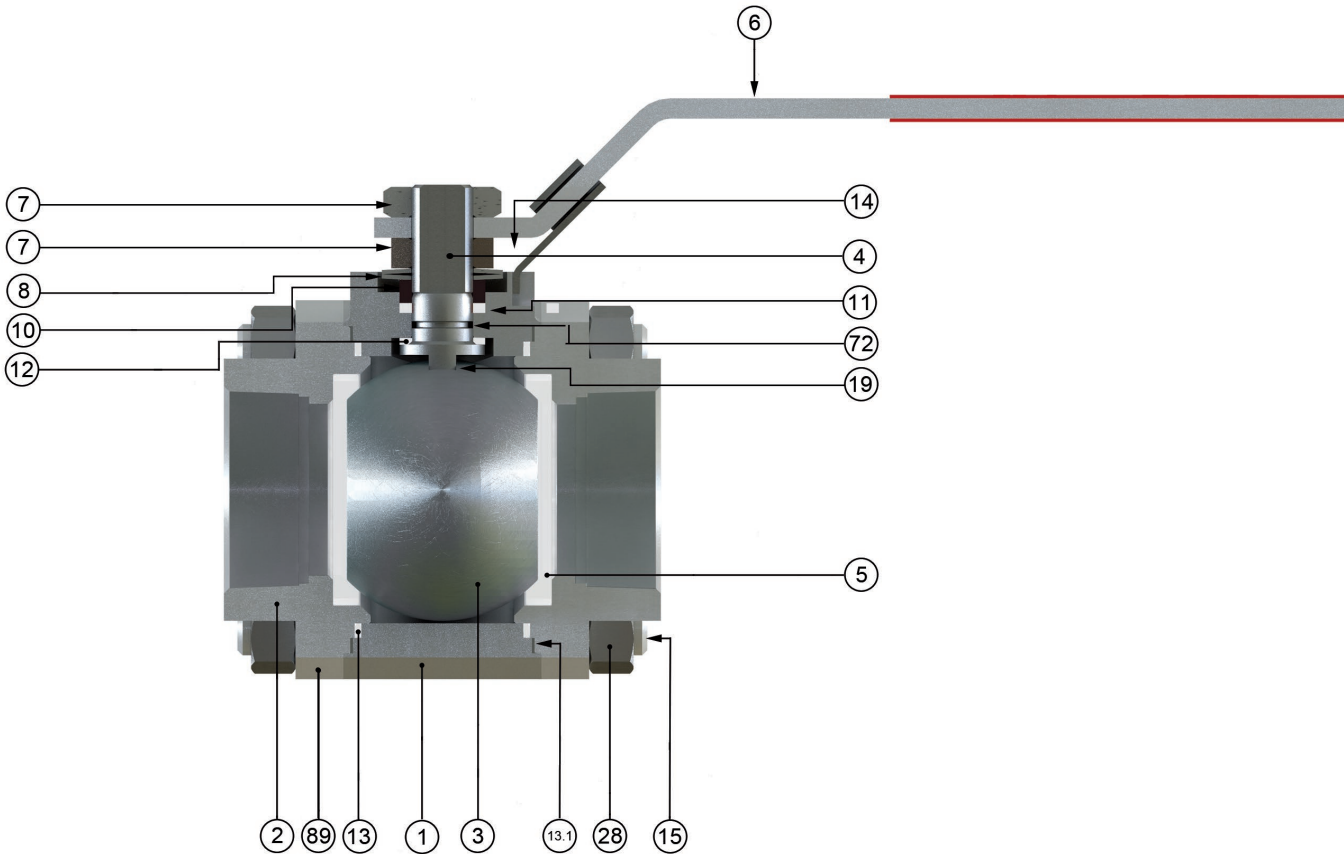
- ISO9001 Quality Management System
- ISO14001 Environmental Management System

Product Certificates

- Fire Safe API 607, ISO 10497, API 6FA
- Fugitive Emissions TA-Luft / ISO 15848-1
- PED 2014/68/EU - CE marking
- ATEX 2014/34/EU– (II2GD)
- Russian Federation Certificate TRCU 10, TRCU 12, TRCU 32
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508

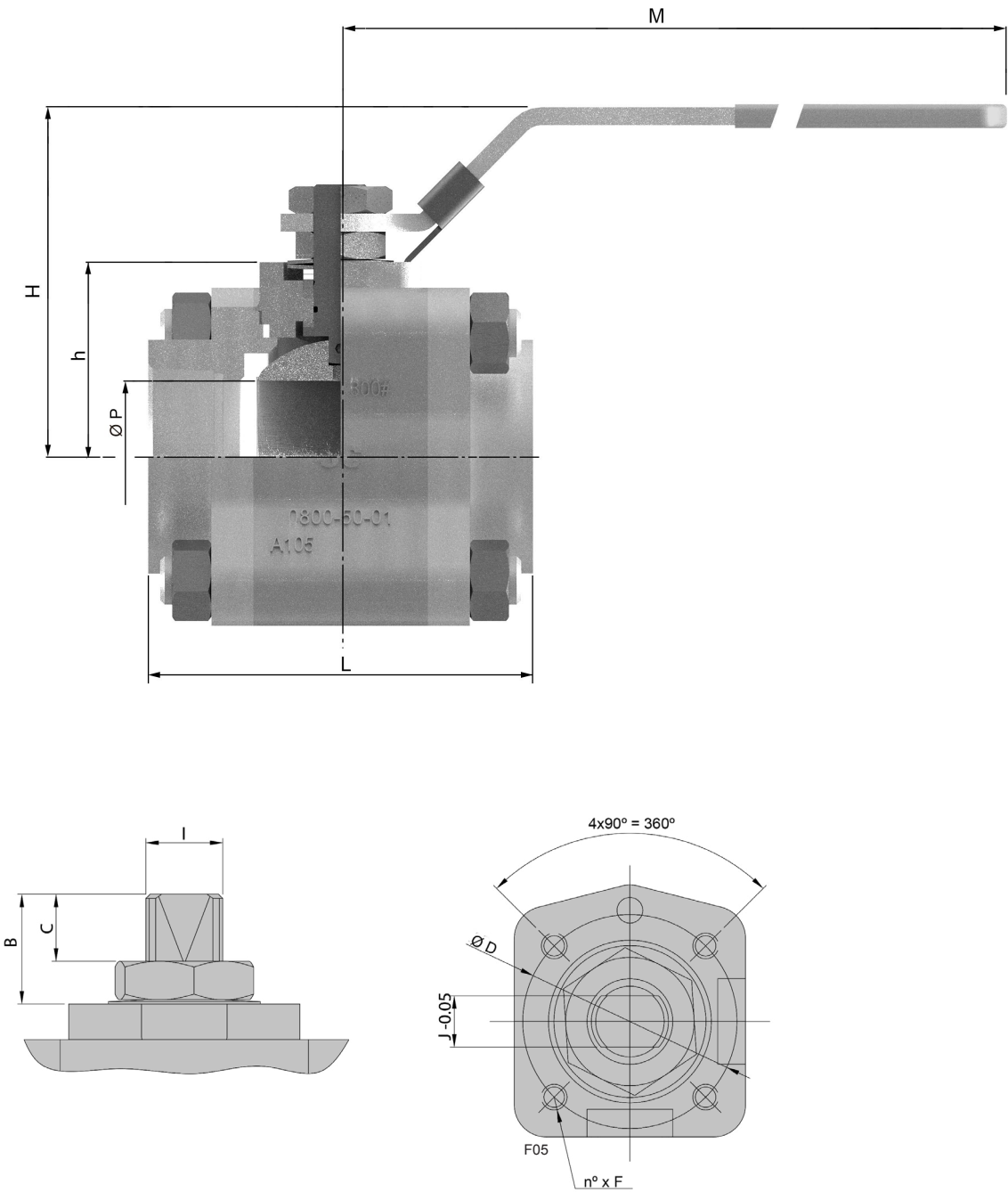
ANSI Ball Valves

Floating



Item	Description	Material		
		A.I.CG.	I.I.CG.	L.I.CG.
1 / 2	Body / Body Connector	ASTM A105N	ASTM A479 Tp.316/316L	ASTM A352 LF2 CL.1
3	Ball	A182 Gr. F316		
4	Stem	A182 Gr. F316		
5	Seat ring	RPTFE		
6	Wrench	Carbon Steel + Zincated Plated		
7	Gland nut	Zinc plated carbon steel	ASTM A479 Tp. 316	
8	Disk spring	Carbon St.	ASTM A666 Tp.301	
10	Gland	ASTM A479 Tp. 316		
11	Gland packing	Graphite		
12	Stem thrust seal	TFM+25% F.V.		
13	Body connector seal	Graphite		
14	Stop pin	Carbon St.	Stainless St.	
15	Stud	ASTM A 193 B7M Zinc Bichromated	ASTM A193 Gr. B8M	ASTM A320 Gr. L7M Zinc Bichromated
19	Antistatic device	Stainless Steel		
28	Nut	ASTM A194 Gr. 2HM Zinc Bichromated	ASTM A194 Gr. 8M	ASTM A194 Gr. 7M Zinc Bichromated
52	Body connector seal	PTFE		
72	O-Ring	FKM		
89	Identification plate	ASTM A276 Tp.316		

ANSI Ball Valves
Flowing



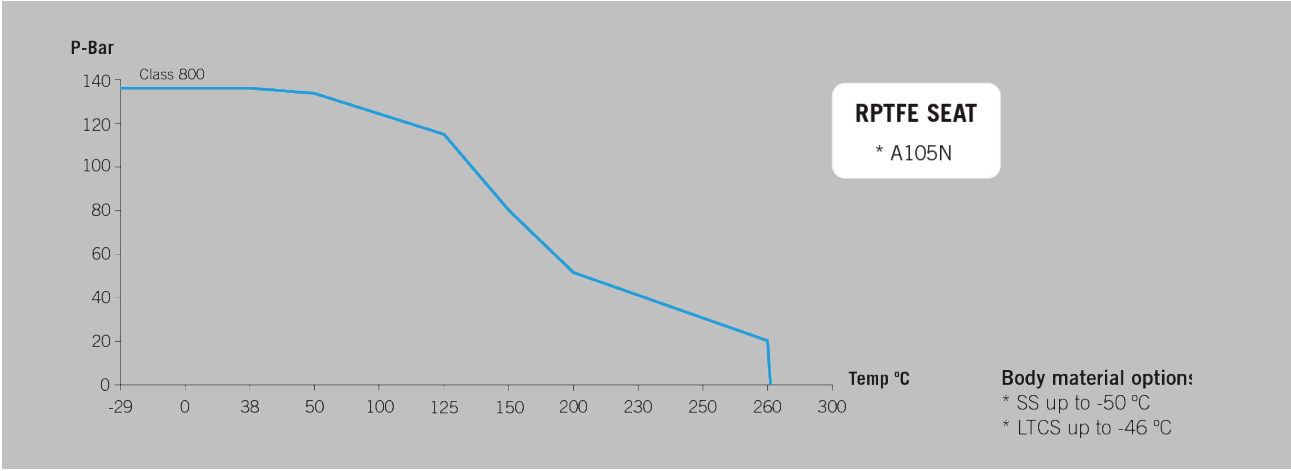
Series 800 (Class 800)

													* Weight in Kg	* Dimensions in mm	
DN	Ø P	L	h	H	M	B	C	ISO 5211	Ø D	n° X F	I	J	WEIGHT	Kv	
3/8"	9.5	68	29	60	170	11	7,5	F03	36	4xM5	M10x1	7	0,9	4.3	
1/2"	15	72	31,4	62	170	13,3	9,5	F03	36	4xM5	M10x1	7	1	16.2	
3/4"	20	94	39	75	215	18,4	13,4	F04	42	4xM5	M12x1.5	9.5	2	32.4	
1"	25	106	41	78	215	21,4	15,7	F04	42	4xM5	M12x1.5	9.5	2,5	57.6	
1 1/4"	32	117	52,5	94	245	20,5	15	F05	50	4xM6	M16x1.5	9.5	4	108	
1 1/2"	40	125,5	55,7	99	245	33,3	26	F05	50	4xM6	M16x1.5	9.5	5,6	198	
2"	50	128	64	115	300	26	16,5	F05	50	4xM6	M18x1.5	12	7,7	360	

Differential Pressure 800 #

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
3/8"	8	4	5	6	4	6	14
1/2"	9	5	5	7	5	7	14
3/4"	18	9	11	14	9	14	26
1"	22	11	13	17	11	18	26
1.1/4"	40	20	24	30	20	32	53
1.1/2"	51	26	31	38	26	41	53
2"	75	38	45	56	38	60	92

Pressure – Temperature Charts



ANSI Ball Valves
Floating

Fig.800 Full Bore
(BSPF / BSPF)

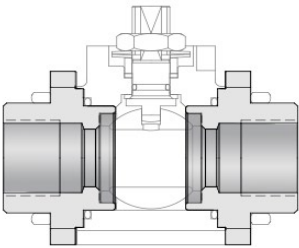


Fig.801 Full Bore
(NPTF / NPTF)

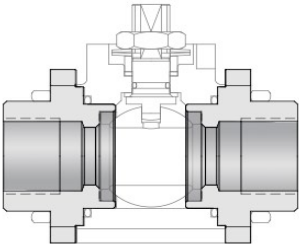


Fig.802 Full Bore
(SW / SW)

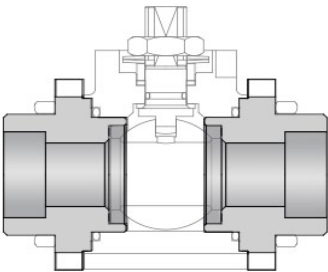


Fig.803 Full Bore
(BW / BW)

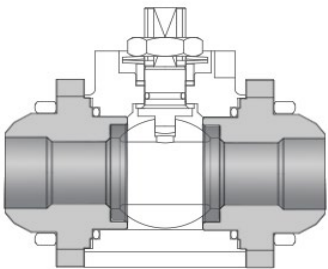


Fig.804 Full Bore
(BW / NPTM)

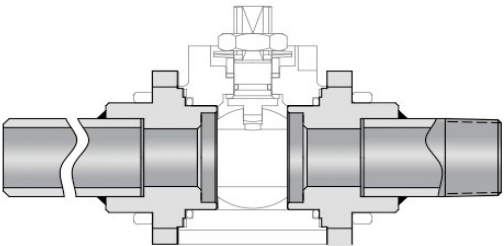
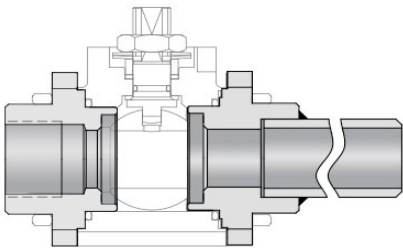


Fig.804H Full Bore
(NPTF / BW)



ANSI Ball Valves
F l o a t i n g

Fig.805 Full Bore
(NPTF / SW)

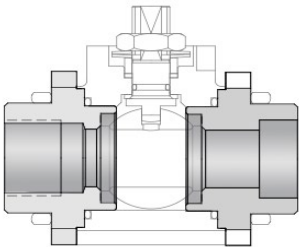


Fig.805TV Full Bore
(NPTF / BSPPM)

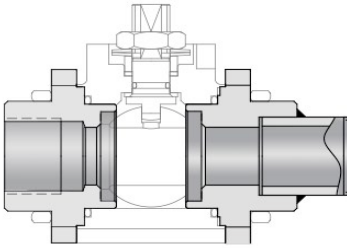


Fig.806 Full Bore
(NPTM / NPTM)

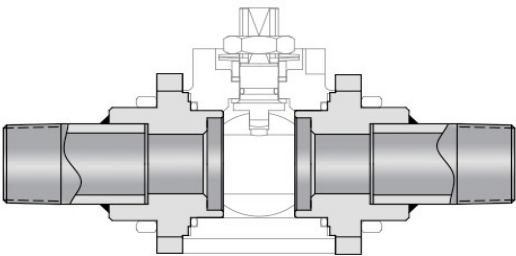


Fig.807 Full Bore
(BW / BW)

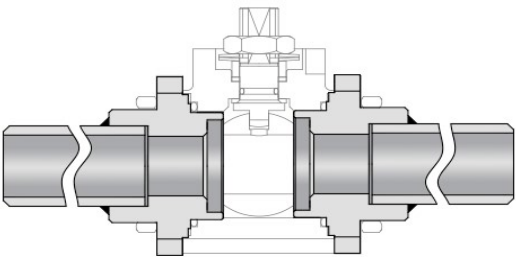


Fig.808 Full Bore
(NPTF / NPTM)

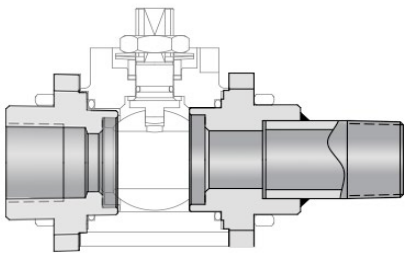
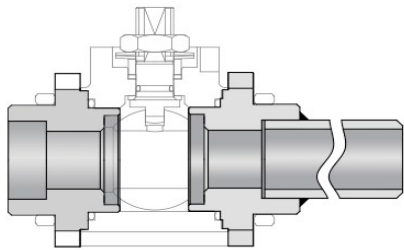


Fig.809 Full Bore
(SW / BW)



NOTES:

BSP F: BSP FEMALE PARALLEL THREAD - ACC. BS21
BSP M: BSP MALE PARALLEL THREAD - ACC. BS21

NPT F: NPT FEMALE THREAD - ACC. ASME B16.11
NPT M: NPT MALE THREAD - ACC. ASME B1.20



Simple Stem Extension



Stem Extension



Locking Device



Oval Handwheel



Valve Automation option
available on Request