

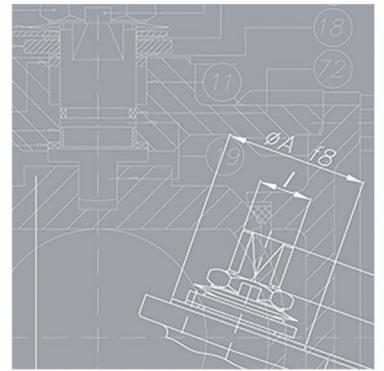
Technical Datasheet

ANSI Ball Valves

400

JC
VALVES

The quality option



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www.jc-valves.com



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

- Valve design: EN ISO 17292
- Body design: ASME VIII Div.1
- Shell thickness: ASME B16.34
- NPT / SW / BW / BSP
- Face to face dimensions: Manufacturer STD.
- Marking: API 6D / CE-PED / MSS SP25
- Pressure testing: API 598 - API 6D

Certifications

Company Certificates

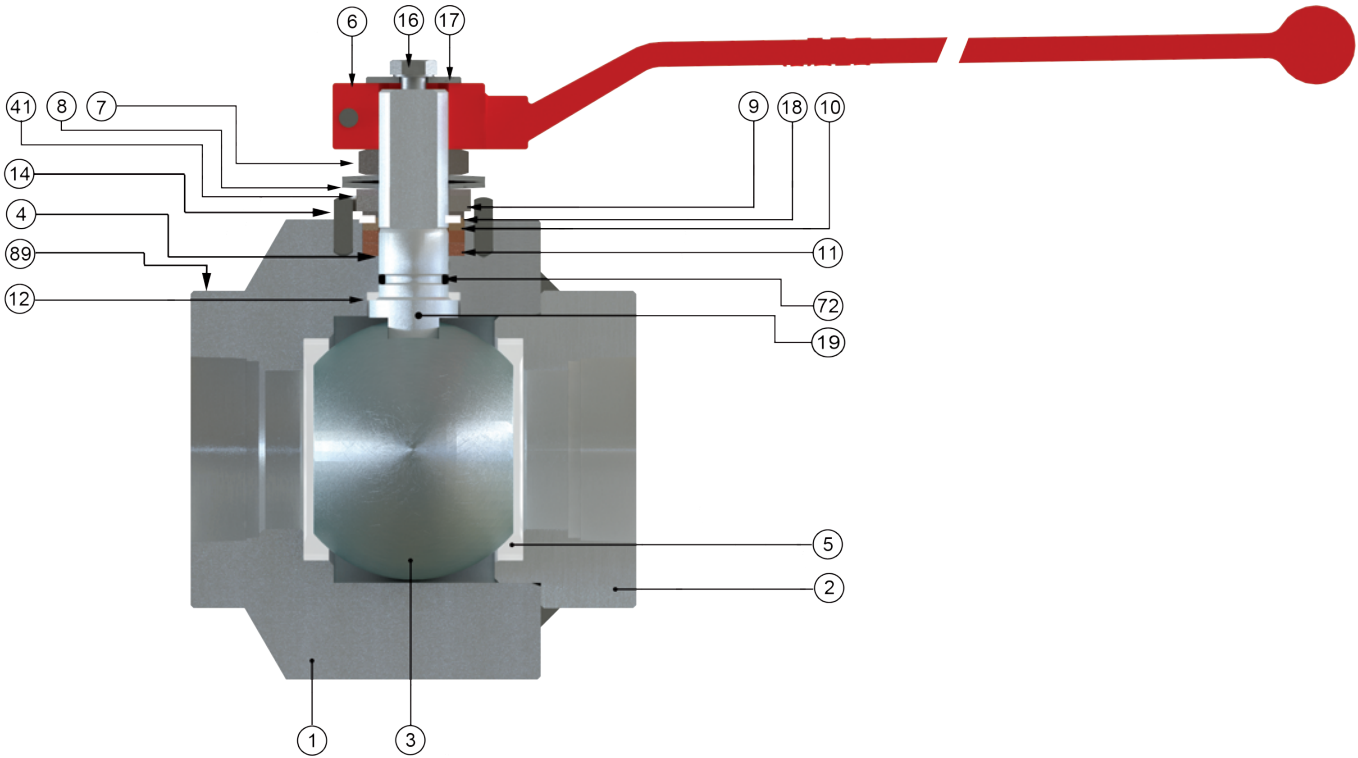
- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- AD2000-Merkblatt W0/A4

Product Certificates

- Fire Safe API 607, ISO 10497 / API 6FA
- PED 2014/68/EU - CE marking
- ATEX 2014/34/EU– (II2GD)
- Russian Federation Certificate TRCU 10, TRCU 12, TRCU 32
- Food processing and pharmaceutical industry FDA, USP CLASS VI COMPLIANCE (CE 1935/2004)
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508
- CRN (Canadian Registration Number)
- Fugitive Emissions ISO 15848 TA LUFT (VDI 2440)

ANSI Ball Valves

F l o a t i n g

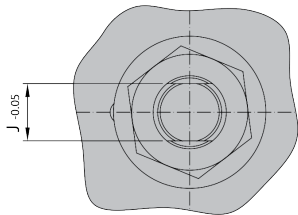
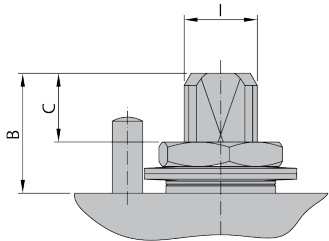
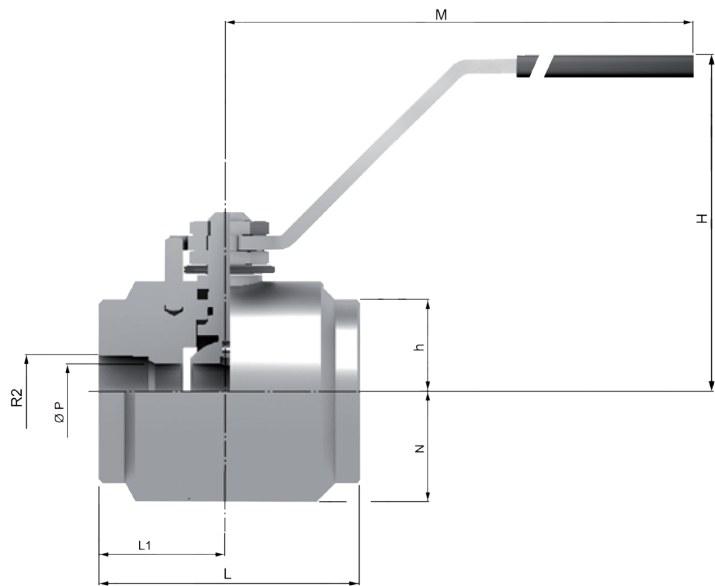


Item	Description	Material		
		A.I.CG	I.I.CG	L.I.CG
1 / 2	Body / Body Connector	ASTM A105N	A 479 Tp.316L	ASTM A 352 LF2 CL.1
3	Ball	A182 Gr. F316		
4	Stem	A 276/479 Tp.316		
5	Seat ring	RPTFE		
6	Wrench	(DN-3/8" ~ 1") Carbon Steel + Niquel Plated - (DN-1½" & 2") A 216 WCB		
7	Gland nut	Zinc plated carbon steel	AISI 303	
8	Disk spring	Carbon St.	A 666 Tp.301	
9	Stop plate	Carbon St.	AISI 304	
10	Gland	AISI 303	AISI 316	
11	Gland packing	Graphite		
12	Stem thrust seal	25% G.F. PTFE		
14	Stop pin	Carbon St.	Stainless St.	
16	Bolt	DIN 933 A4-70		
17	Washer	AISI 304		
18	Thrust washer	25% G.F. PTFE		
19	Antistatic device	Stainless St.		
41	Spacer (DN 40 to 50)	Carbon St.	AISI 304	
72	O-Ring	FKM		
89	Identification plate	Stainless St.		

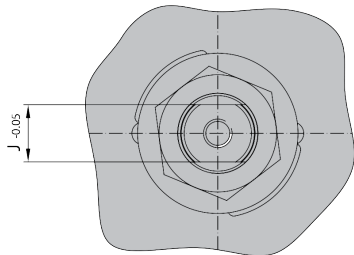
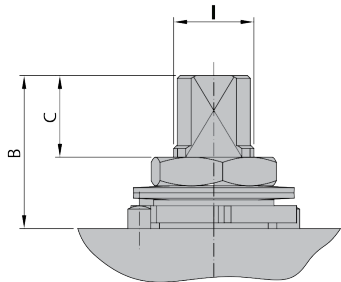
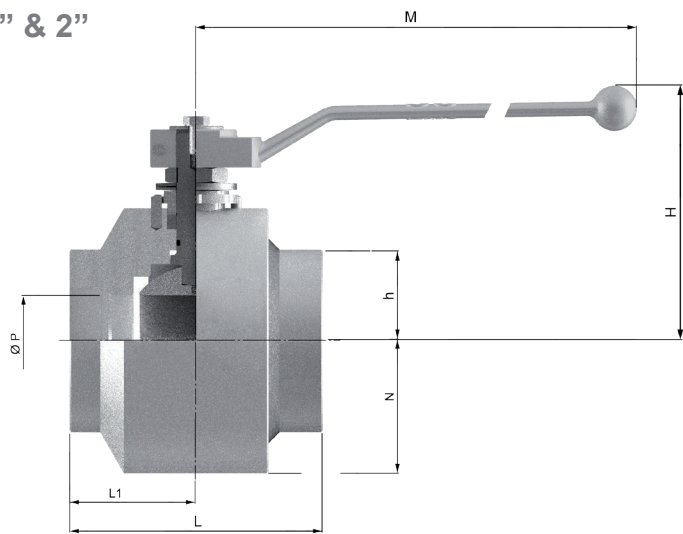
ANSI Ball Valves

Floating

DN-3/8" ~ 1"



DN-1½" & 2"



Series 400 (Class 800)

* Weight in Kg (*) Dimensions in mm

DN	L	L1	ØP	h	N	H	M	B	C	I	J	WEIGHT	Kv
3/8"	70	35	9,5	25	25	87	159	16	8,5	M10x1,5	7	1	5
1/2"	72	36	15	30	30	92	159	18,7	10,8	M12x1,5	9	1,6	13
3/4"	90	45	20	32,5	32,5	94	159	19,2	11,3	M12x1,5	9	2,4	24
1"	95	47,5	25	36	36	98	159	19,7	11,3	M12x1,5	9	3,1	38
1.1/2"	130	65	40	60	60	128	213	38,5	19,1	M18x1,5	13	10	102
2"	140	70	50	72,5	72,5	141	348	41	18,9	M22x1,5	16	14,6	168

Differential Pressure 800 #

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
3/8"	11	6	7	8	6	9	14
1/2"	13	7	8	10	7	10	26
3/4"	15	8	9	11	8	12	26
1"	20	10	12	15	10	16	26
1.1/2"	69	35	41	52	35	55	85
2"	124	62	74	93	62	99	176

Pressure – Temperature Charts

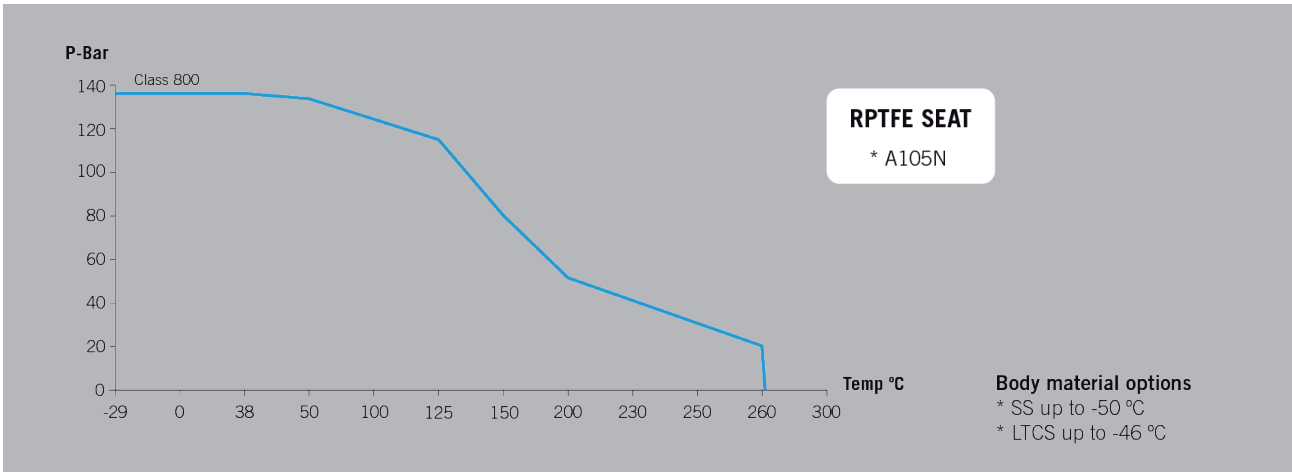


Fig.401 Full Bore
(NPTF / NPTF)

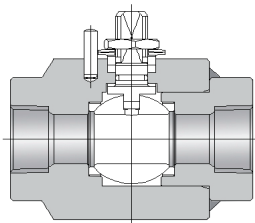


Fig.411 Reduced Bore
(NPTF / NPTF)

Fig.402 Full Bore
(SW / SW)

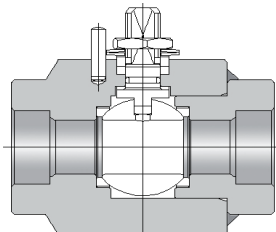


Fig.412 Reduced Bore
(SW / SW)

Fig.404 Full Bore
(BW / NPTM)

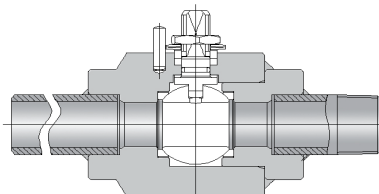


Fig.414 Reduced Bore
(BW / NPTM)

Fig.404H Full Bore
(NPTF / BW)

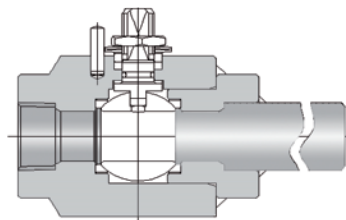


Fig.414H Reduced Bore
(NPTF / BW)

Fig.405 Full Bore
(NPTF / SW)

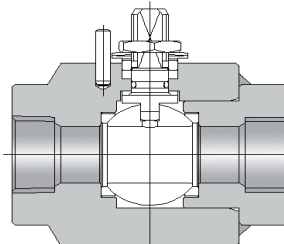


Fig.415 Reduced Bore
(NPTF / SW)

Fig.405TV Full Bore
(NPTF / BSPPM)

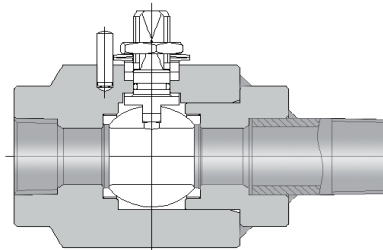


Fig.415TV Reduced Bore
(NPTF / BSPPM)

Fig.406 Full Bore
(NPTM / NPTM)

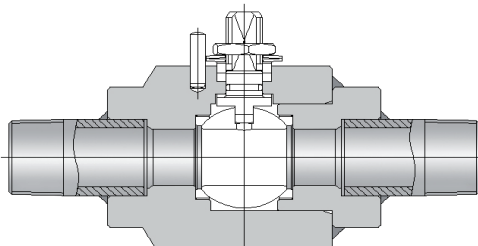


Fig.416 Reduced Bore
(NPTM / NPTM)

Fig.407 Full Bore
(BW / BW)

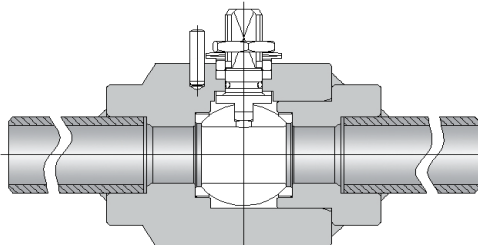
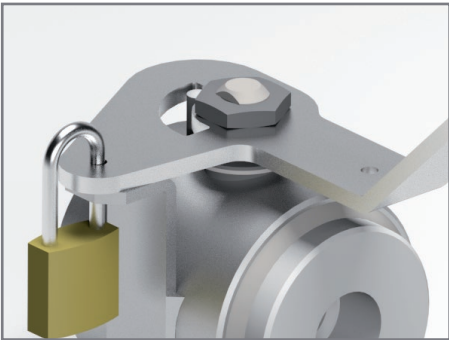


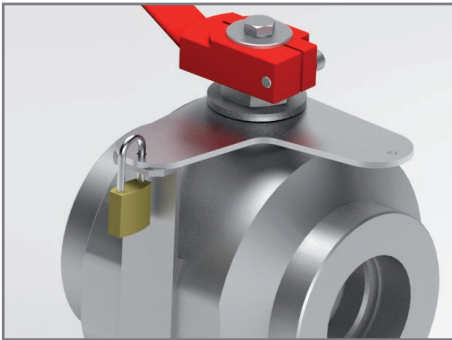
Fig.417 Reduced Bore
(BW / BW)



Simple Stem Extension



Locking Device DN 1/2''



Locking Device



Oval Handwheel