

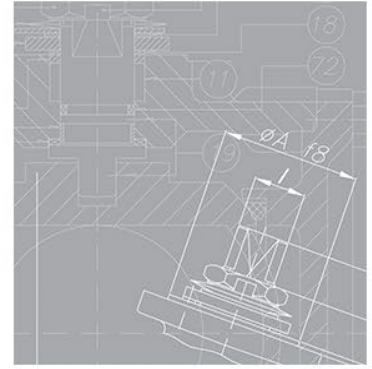
Technical Datasheet

ANSI Ball Valves

1515
1530

JC
VALVES

The quality option



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www.jc-valves.com

ANSI Ball Valves Semi-Trimunion



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



- Valve design: Full Bore API 6D / EN ISO 17292
- Body design: ASME VIII Div.1
- Shell thickness: ASME 16.34
- Flanges: ASME B16.5 Raised Face
- Face to face dimensions: ASME B16.10 Long Pattern
- Marking: EN 19 / CE - PED / MSS SP25
- Pressure testing: API 598 - API 6D
- NACE MR0175 / ISO 15156 - NACE MR0103 / ISO 17945
- Shell finishing quality: MSS SP 55
- ISO 5211

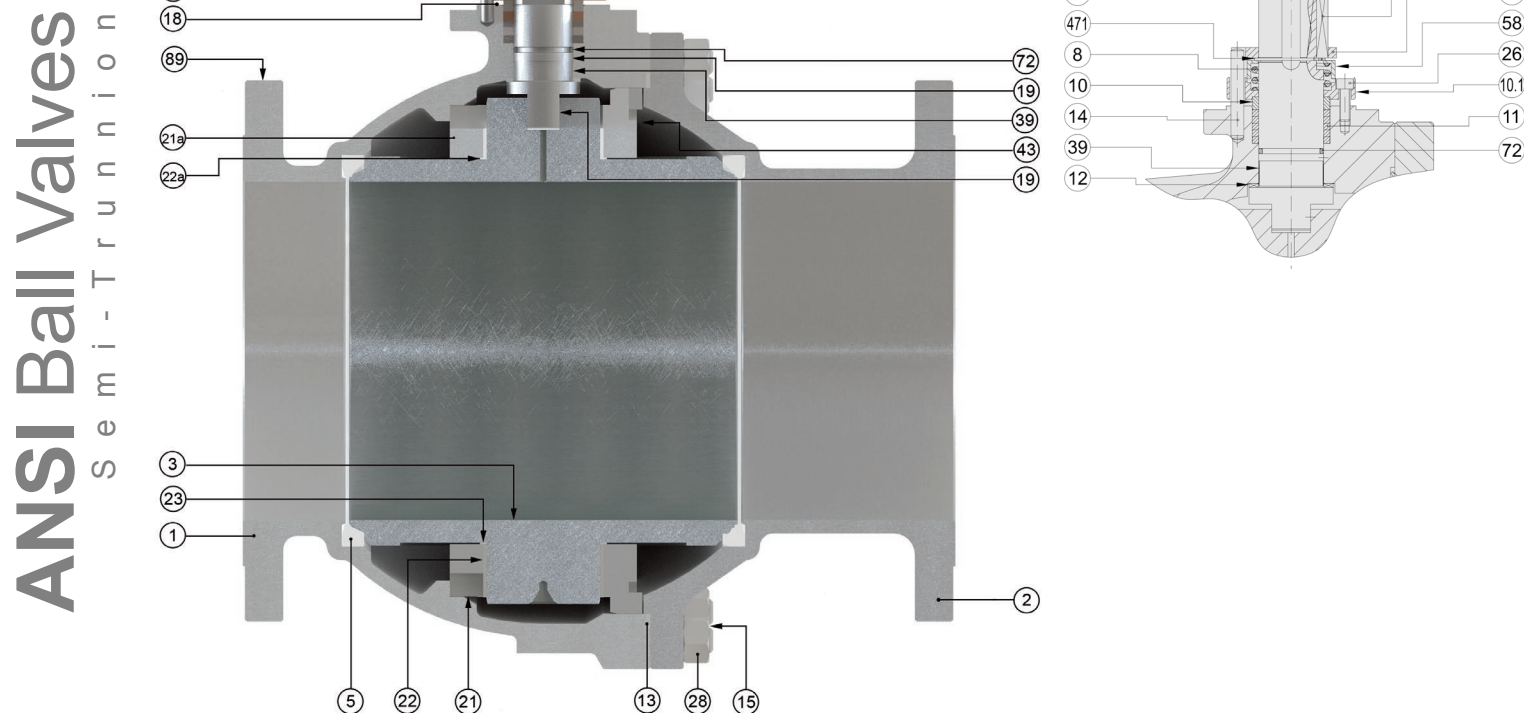
Certifications

Company Certificates

- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- API Monogram License 6D-0197, 600-0016

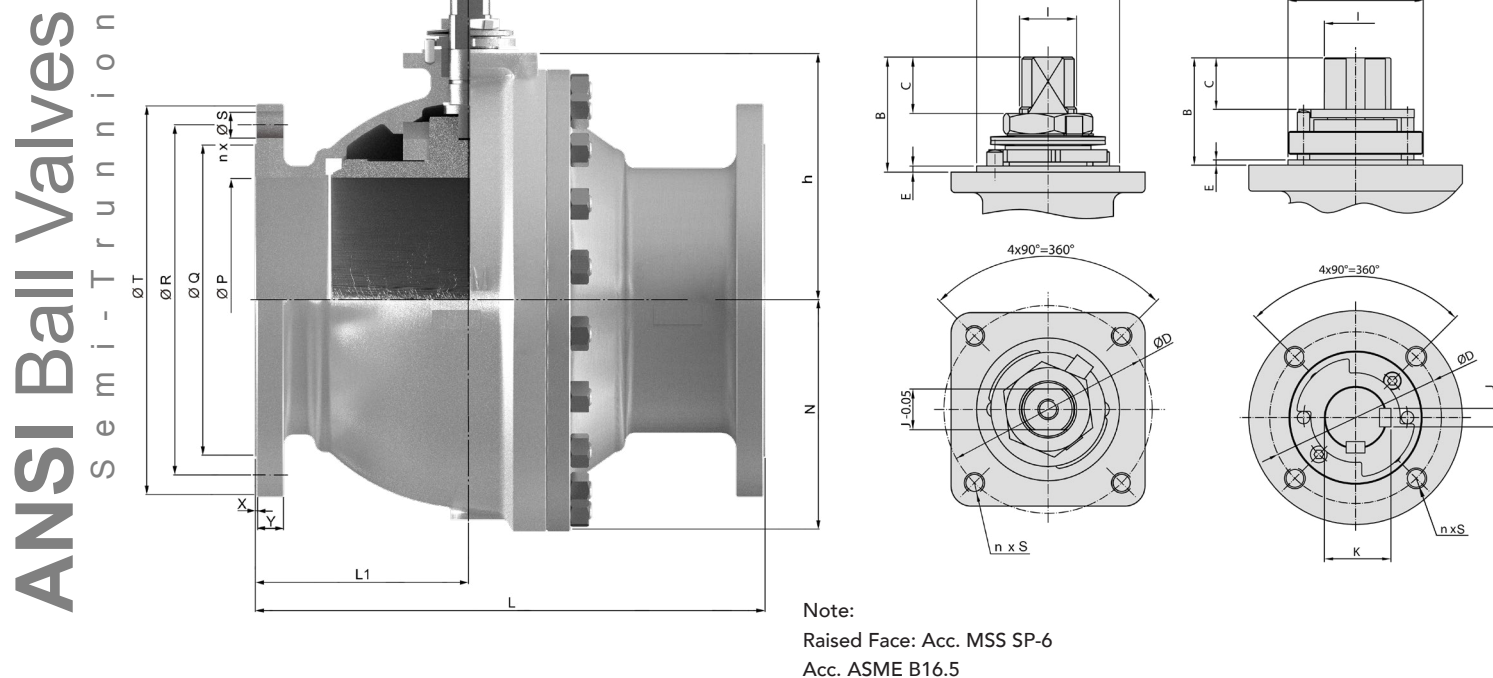
Product Certificates

- 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) - *Optional*
- Safety Integrity Level (SIL) LEVEL 3 IEC 61508
- CRN (Canadian Registration Number)



Item	Description	Material	
		A.I.T	I.I.T
1 / 2	Body / Body Connector	ASTM A216 Gr. WCB	ASTM A351 Gr. CF8M
3	Ball	ASTM A 351 Gr. CF8M	
4	Stem	ASTM A182 F51	
5	Seat ring	PTFE	
7	Gland nut	ASTM A216 Tp.316	
8	Disk spring	ASTM A666 Tp.301	
9	Stop plate	ASTM A240 UNS S31803 (F51)	
10	Gland	ASTM A479 Tp.316	
10.1	Gland	ASTM A479 Tp.316	
11	Gland packing	Graphite	
12	Stem thrust seal	25% G.F. PTFE	
13	Body connector seal	SPW AISI 316L + Graphite	
14	Stop pin	A4-70	
15	Stud	ASTM A193 Gr. B7M Zinc Bichromated	ASTM A193 Gr. B8M
18	Thrust washer	25% G.F. PTFE	
19	Antistatic device	Stainless St.	
21 / 21a	Ball Trunnion	ASTM A351 Gr. CF8M	
22 / 22a	Trunnion Bearing	PTFE + 50% SS	
23	Bearing	PTFE	

Item	Description	Material	
		A.I.T	I.I.T
26	Bolt	DIN 912 8.8 Zinc Bichromated	DIN 912 A4-70
28	Nut	ASTM 194 Gr. 2HM Zinc Bichromated	ASTM A194 Gr. 8M
39	Stem bushing	PTFE + 50% SS	
41	Spacer	ASTM A276 Tp.316	
43	Key	ASTM A276 Tp.316	
46	Locking washer	ASTM A276 Tp.316	
47	Key	ASTM A276 Tp.316	
58	Spring protection	Carbon St.	Stainless St.
72	O-Ring	FKM	
89	Identification plate	ASTM A276 Tp.316	
471	Retainer	Stainless St.	



Series 1515 (Class 150)

DN	ØP	L	L1	ØQ	ØR	n x ØS	ØT	X	Y	h	N	* Weight in Kg	* Dimensions in mm
												WEIGHT	Kv
250 (10")	254	533	225	323,8	362	12x25,4	406	1,5	28,4	256	239	237	15000
300 (12")	305	610	245	381	431,8	12x25,4	483	1,5	30,2	297	288	357	20800

Series 1530 (Class 300)

DN	ØP	L	L1	ØQ	ØR	n x ØS	ØT	X	Y	h	N	WEIGHT	Kv
200 (8")	203	502	239	269,7	330,2	12x25,4	381	1,5	39,6	233	208	189	9000
250 (10")	254	568	225	323,8	387,4	16x28,6	444	1,5	46	256	253	301	15000
300 (12")	305	648	315	381	450,8	16x31,8	521	1,5	49,3	310	300	520	20800

Actuator Connection

DN	CLASS	ISO 5211	ØA	B	C	ØD	n x F	E	I	J	K
200	300	F14	100	72	36,5	140	4xM16	4	M45x2	32	---
250	150 / 300	F14	100	72	36,5	140	4xM16	4	M45x2	32	---
300	150	F14	100	106	58	140	4xM16	3	Ø50	14	53,5
300	300	F16	130	103	49,4	165	4xM20	5	Ø60	18	64,2

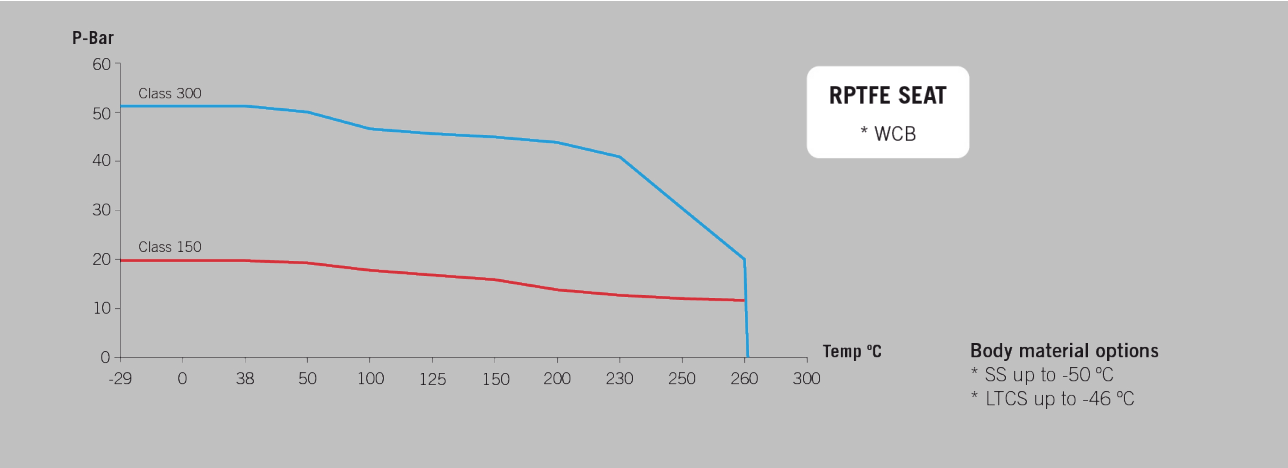
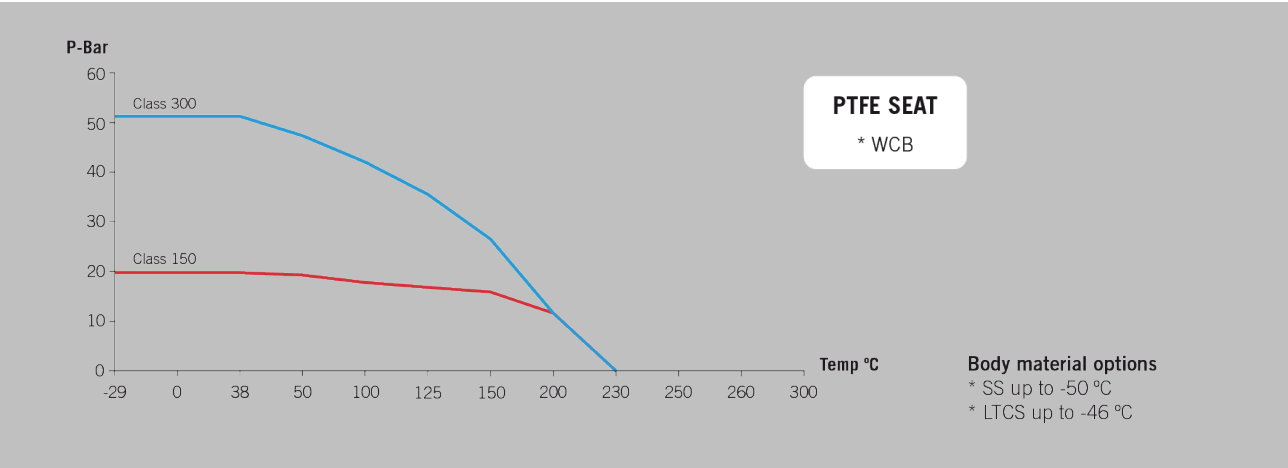
Differential Pressure 150 Lbs

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
-	-	-	-	-	-	-	-
250	1.280	640	768	960	640	1.020	3.034
300	1.500	750	900	1.125	750	1.200	5.559

Differential Pressure 300 Lbs

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
200	1.100	550	660	825	550	880	3.034
250	1.480	740	888	1.110	740	1.184	3.034
300	1.900	950	1.140	1.425	950	1.520	9.501

Pressure – Temperature Charts



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Semi-Trunnion



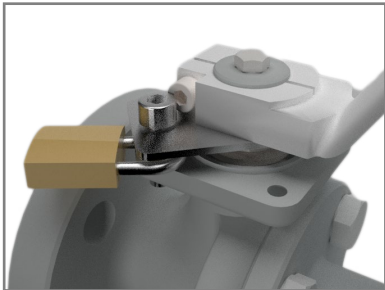
Stem Extension



Double Packing Stem Extension



Other Seat materials



Locking Device



Manual and Declutchable
Gears



Pneumatic or Hydraulic
Scotch Yoke Actuators



Valve Automation option
available on Request