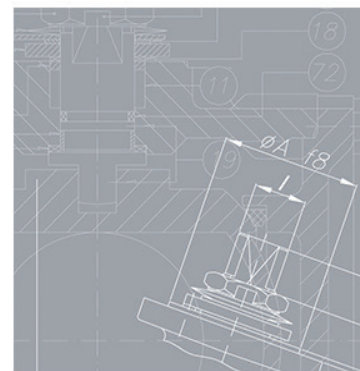


Technical Datasheet

ANSI Ball Valves 915N

JC
VALVES

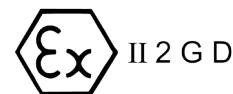
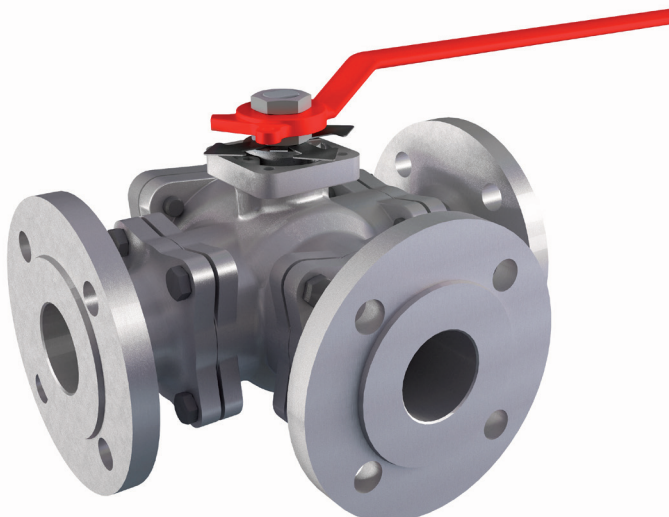
The quality option



sales@jc-valves.com

www.jc-valves.com

ANSI Ball Valves Floating



- Valve design: Full Bore EN ISO 17292
- Body design: EN 12516
- Shell thickness: EN ISO 17292
- Flanges: ASME B16.5 Raised Face
- Face to face dimensions: Manufacturer Standard
- Marking: CE - PED / API 6D / MSS SP25
- Pressure testing: API 598 - API 6D
- Shell finishing quality: MSS SP 55
- ISO 5211

Certifications

Company Certifications

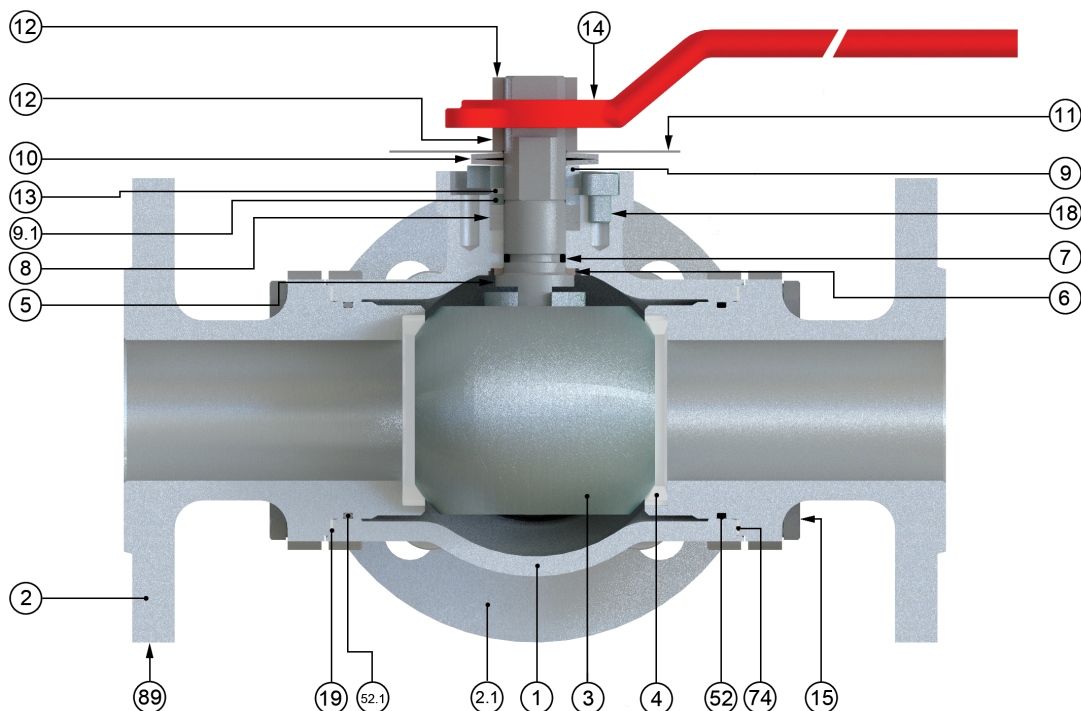
- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- API Monogram License 6D-0197, 600-0016

Product Certificates

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

ANSI Ball Valves

Floating



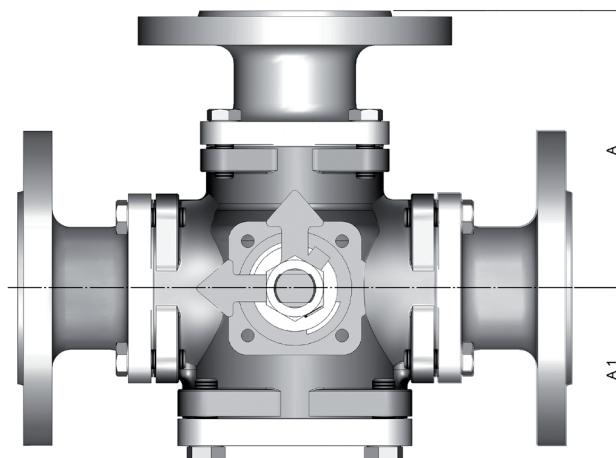
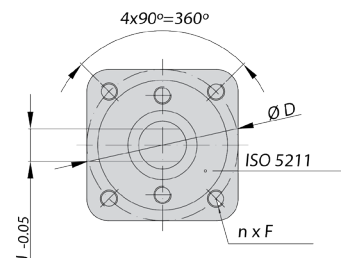
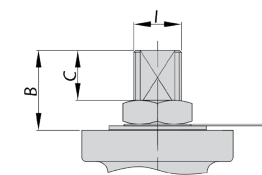
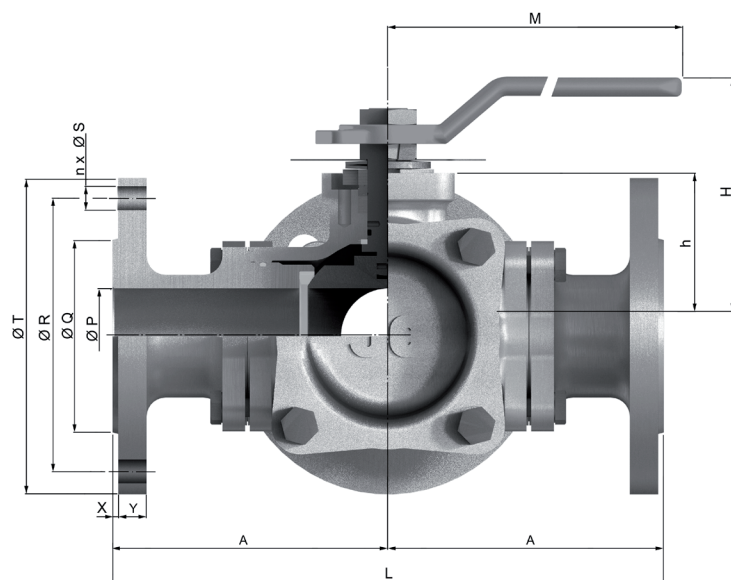
Other materials upon request

Item	Description	Material	
		A.I.T	I.I.T
1	Body	1.0619	1.4408
2	Body Connector	ASTM A216 Gr. WCB (C ≤ 0,25%)	ASTM A351 Gr. CF8M
2.1	Side Cover	1.0619	1.4408
3	Ball	ASTM A351 Gr. CF8M	
4	Seat ring	PTFE	
5	Stem	ASTM A479 Tp. 316	
6	Stem thrust seal	25% GF PTFE	
7	O-Ring	FKM	
8	Stem packing	Graphite	
9	Gland	AISI 303	ASTM A479 Tp. 316
9.1	Stop plate	Carbon St.	
10	Disk spring	Carbon St.	ASTM A666 Tp.301
11	Locking washer pointer	Rilsan Coated Carbon St.	
12	Gland nut	Zinc plated carbon steel	AISI 303
13	Antifriction washer	25% GF PTFE	
14	Wrench	ASTM A216 WCB	
15	Bolt	DIN 933 8.8 Zinc Bichromated	DIN 933 A4-70
15.1	Bolt	DIN 933 8.8 Zinc Bichromated	DIN 933 A4-70
18	Stop bolt	A4-70	
19	Body cover seal	PTFE	
52	O-ring	FKM	
52.1	O-ring	FKM	
74	Body connector seal	PTFE	
89	Identification plate	ASTM A276 Tp.316	

ANSI Ball Valves

Series 915N (Class 150)

Free Stem Dimensions



Note:
Raised Face: Acc. MSS SP-6
Acc. ASME B16.5

* Weight in Kg * Dimensions in mm

DN	ØP	L	A	A1	ØQ	ØR	n x ØS	ØT	X	Y	h	H	M	WEIGHT
1"	25	212	106	70	50,8	79,2	4x15,9	108	1,5	9,7	60	96	170	8
1 1/2"	40	262	131	80	73,0	98,6	4x15,9	127	1,5	12,7	72	121	200	17
2"	50	290	145	90	91,9	120,6	4x19,1	152	1,5	14,2	85	134	350	25
2 1/2"	65	325	162,5	107	104,6	139,7	4x19,1	178	1,5	15,7	101	180	350	34
3"	80	370	185	117	127,0	152,4	4x19,1	190	1,5	17,5	122	189	465	51
4"	100	430	215	148	157,2	190,5	8x19,1	229	1,5	22,4	146	230	475	77
6"	150	500	250	194	215,9	241,3	8x22,2	279	1,5	23,9	182	280	855	138
8"	200	600	300	270	269,7	298,4	8x22,2	343	1,5	26,9	255	325	855	214

DN	ISO 5211	B	C	ØD	n x F	l	J
1"	F05	22	12,2	50	4xM6	M12x1.5	8
1 1/2"	F07	33	19,2	70	4xM8	M18x1.5	12
2"	F07	34	20,2	70	4xM8	M22x1.5	15
2 1/2"	F10	34	19,2	102	4xM10	M22x1.5	15
3"	F10	45	27,7	102	4xM10	M28x1.5	19
4"	F12	56	32,2	125	4xM12	M36x1.5	24
6"	F14	69	41	140	4xM16	M48x3	32
8"	F14	69	61	140	4xM16	M48x3	32

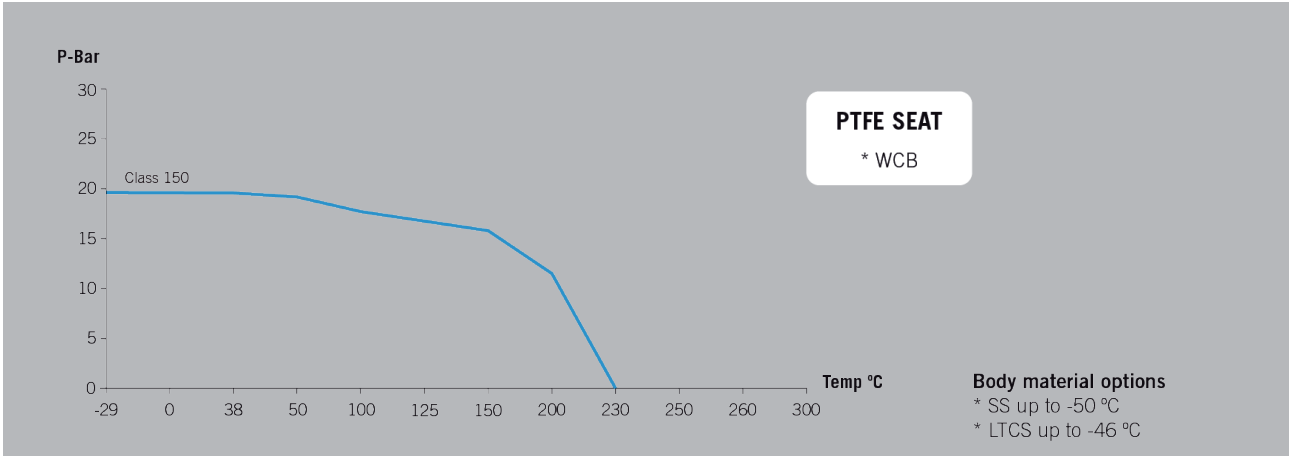
Diff. Pressure 150 Lbs - 3 WAY L Port

DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
1/2"	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-
1"	22	11	13	17	11	18	27
1 1/4"	-	-	-	-	-	-	-
1 1/2"	65	33	39	49	33	52	92
2"	79	40	47	59	40	63	174
2 1/2"	140	70	84	105	70	112	174
3"	155	78	93	116	78	124	355
4"	440	220	264	330	220	352	734
6"	744	372	446	558	372	595	1.740
8"	1.300	650	780	975	650	1.040	1.740

Diff. Pressure 150 Lbs - 3 WAY T Port

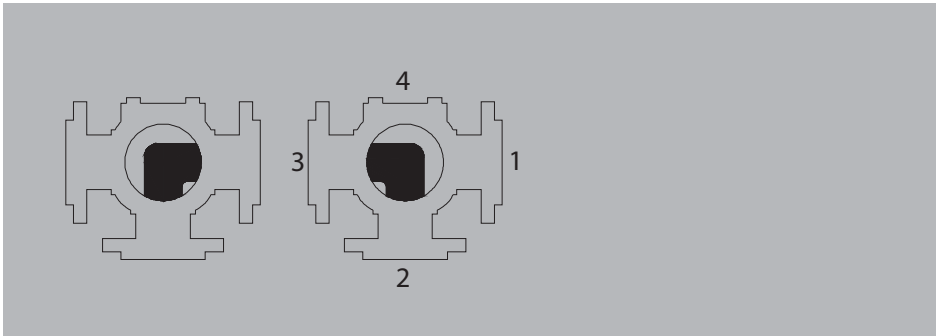
DN	BTO	RTO	ETO	BTC	RTC	ETC	MAST
1/2"	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-
1"	20	10	12	15	10	16	27
1 1/4"	-	-	-	-	-	-	-
1 1/2"	55	28	33	41	28	44	92
2"	63	32	38	47	32	50	174
2 1/2"	108	54	65	81	54	86	174
3"	130	65	78	98	65	104	355
4"	425	213	255	319	213	340	734
6"	690	345	414	518	345	552	1.740
8"	1.200	600	720	900	600	960	1.740

Pressure – Temperature Charts

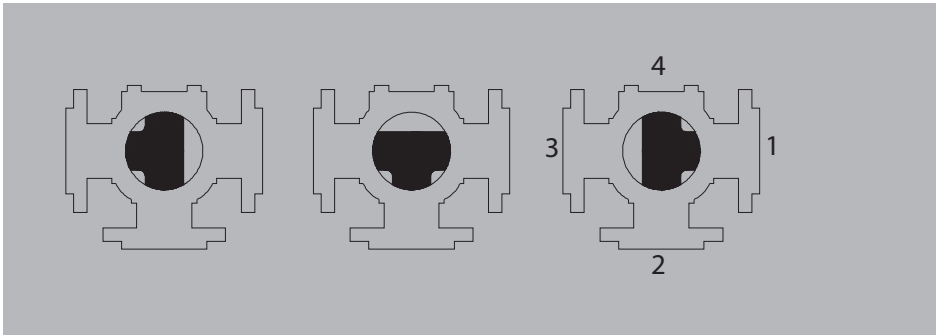


ANSI Ball Valves
Flowing

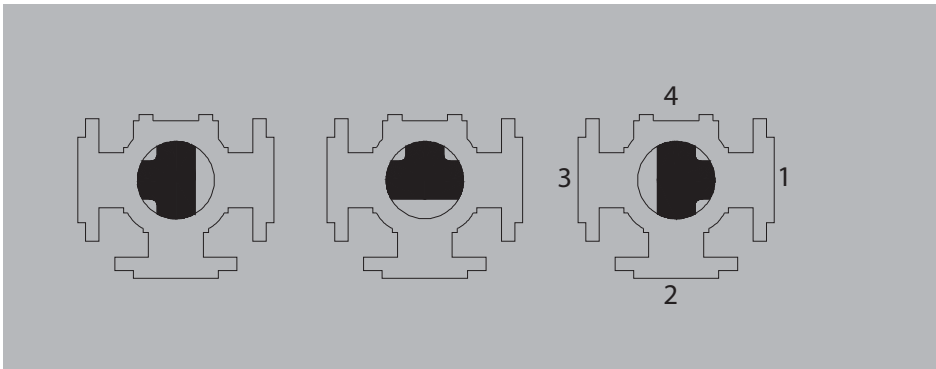
3 WAY L PORT



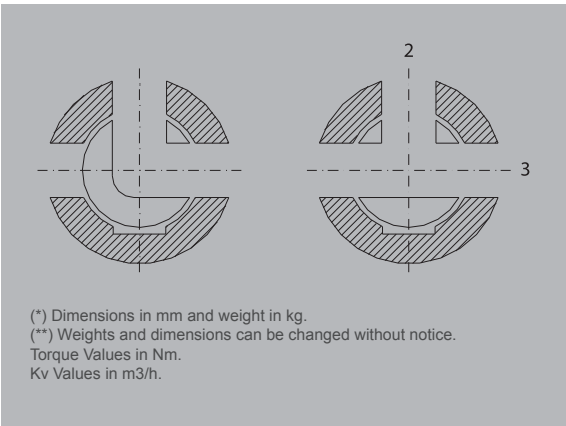
3 WAY T PORT



3 WAY INVERTED PORT



Kv Values in m³/h

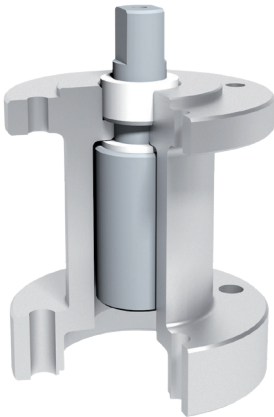


DN	PORT L	PORT T	
		PORT 2	PORT 3
25	24	22	54
40	58	59	154
50	78	80	264
65	140	142	496
80	282	316	746
100	376	378	1335
150	736	797	2583
200	1241	953	4408

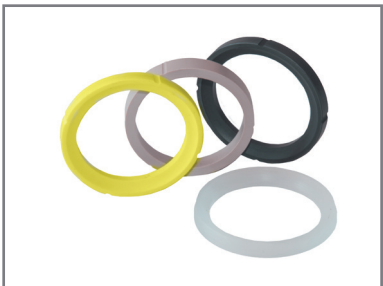
ANSI Ball Valves
Flowing



Simple Stem Extension



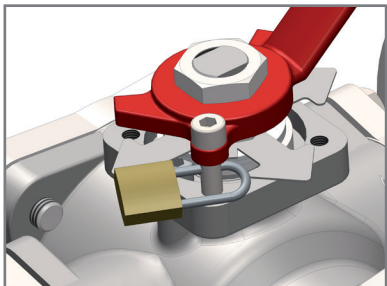
Standard Stem Extension



Other Seat materials



Stainless Steel Lever



Locking Device



Manual and Declutchable Gears



Pneumatic or Hydraulic Scotch Yoke Actuators



Valve Automation option available on Request