

| BALL VALVES |

2-PIECE CAST TRUNNION MOUNTED CAST TRUNNION

2" - 16" | Class 150 - Class 600

Materials

CAST TRUNNION

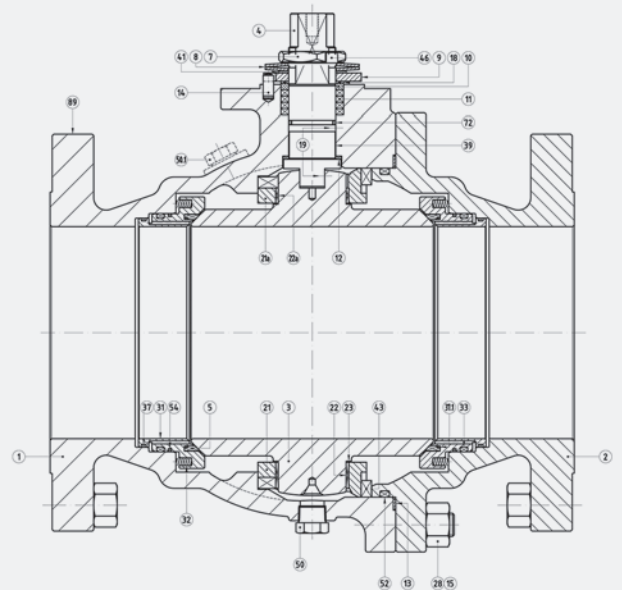
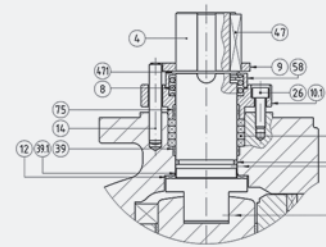
Item	Description	AIT	IIT
1	Body	A 216 Gr. WCB (C ≤ 0.25%)	A 351 Gr. CF8M
2	Body connector	A 216 Gr. WCB (C ≤ 0.25%)	A 351 Gr. CF8M
3	Ball	A 351 Gr. CF8M	
4	Stem	A 479 Tp.316	
5	Seat ring	RPTFE, PTFE, DEVLON	
7	Gland nut	Zinc Plated Carbon Steel	AISI-303
8	Disk spring / Spring	Carbon St. *	E.N.P. Carbon St. *
9	Stop plate	Carbon St.	AISI-304
10	Gland ring	AISI-303	AISI-316
10.1	Gland	AISI-303	AISI-316
11	Gland packing	Graphite	
12	Stem thrust seal	25% G.F. PTFE	
13	Body connector seal	AISI-316L + Graphite	
14	Stop pin	Carbon St.	Stainless St.
15	Stud	A 193 Gr. B7M Zinc dichromate	A 193 Gr. B8M **
18	Thrust washer	25% G.F. PTFE	
19	Antistatic device	Stainless St.	
21 / 21a	Ball trunnion	A 351 Gr. CF8M	
22 / 22a	Trunnion bearing	AISI-316 + PTFE	
23	Bearing	PTFE	
26	Bolt	DIN 912 8.8 Zinc Plated	DIN 912 A2
28	Nut	A 194 Gr. 2HM Zinc dichromate	A 194 Gr. 8M **
31	Seat Carrier	A 351 Gr. CF8M	
32	Spring	Inconel - 750	
33	O' Ring	FKM -- Note 1 --	
35	Spring carrier	A 351 Gr. CF8M	
37	O' Ring	FKM -- Note 1 --	
39	Stem bushing	25% G.F. PTFE	
39.1	Stem bushing	AISI-316 + PTFE -- Note 2 --	
41	Spacer	Carbon St.	Stainless St.
43	Key	AISI-316	
46	Locking washer	AISI-304	
47	Key	Carbon St.	
50	Drain plug	A 105	AISI-316
50.1	Vent plug	A 105	AISI-316
52	O' Ring	FKM -- Note 2 --	
54	Seat carrier seal	Graphite	
58	Spring protection	Carbon St.	Stainless St.
72	O' Ring	FKM -- Note 1 --	
75	Stem bushing	AISI-316 + PTFE -- Note 2 --	
89	Identification plate	Stainless St.	
471	Retainer	Carbon St.	Stainless St.

(*) On request Inconel X-750.

(**) On request B7M / 2HM Zinc Plated & Bichromated.

Note 1: Depending on design conditions AFLAS, KALREZ or KALREZ Spectrum.

Note 2: Only DN-350 & 400 and all Fig.2560.



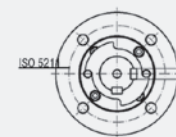
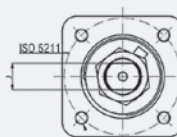
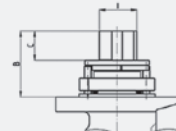
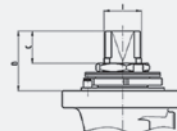
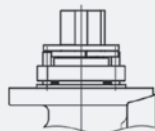
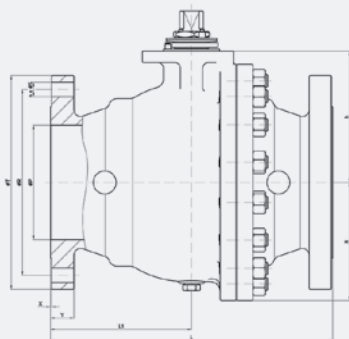
CAST BALL VALVES 2515 / 2530 / 2560
Class 150 / 300 / 600
Full Bore

Class 150. From 2" to 16"

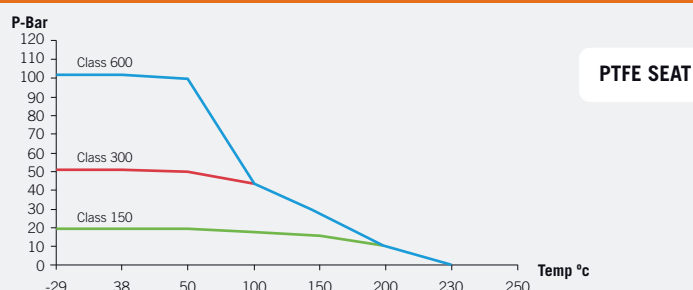
Class 300. From 2" to 16"

Class 600. From 2" to 12"

 DN 50 (2") to DN-250 (10") Class-150 & 300
 DN-50 (2") to DN-100 (4") Class-600

 DN 300 (12") to DN-400 (16") Class-150 & 300
 DN-150 (6") to DN-300 (12") Class-500

Pressure - Temperature

(*) Dimensions of diameters of drills ISO 5211 refer to table from page 60.


Fig. 2515 (Class 150)

DN	øP	L	L1	øR	n x øS	øT	h	N	ISO 5211	B	C	I	J	K	WEIGHT	TORQUE	Kv
50 (2")	50	178	78.5	120,7	4x19	150	84	80	F07	42	17	M22x1,5	16	-	13	70	366
80 (3")	80	203	87	152,4	4x19	190	126	-	F10	55	27	M28x1,5	20	-	22	130	938
100 (4")	100	229	101	190,5	8x19	230	152	120	F12	56	27	M35x2	25	-	39	190	1.465
150 (6")	151	394	197	241,3	8x22,2	280	212	168	F14	70	36	M45x2	32	-	98	460	3.297
200 (8")	203	457	230	298,5	8x22,2	345	233	208	F14	70	37	M45x2	32	-	124	610	5.861
250 (10")	254	533	267	362	12x25,4	405	256	243	F14	70	37	M45x2	32	-	175	660	9.454
300 (12")	305	610	305	431,8	12x25,4	485	297	287,5	F14	106	58	Ø50	14	53,5	295	1.317	13.631
350 (14")	337	686	343	476,3	12x28,5	535	333	323	F16	103	49	Ø60	18	64,2	580	2.605	16.641
400 (16")	388	762	381	539,8	16x28,5	595	412	358	F25	159	103	Ø90	25	95,3	750	2.948	23.554

Fig. 2530 (Class 300)

DN	øP	L	L1	øR	n x øS	øT	h	N	ISO 5211	B	C	I	J	K	WEIGHT	TORQUE	Kv
50 (2")	50	216	84	127	8x19	165	84	-	F07	42	17	M22x1,5	16	-	16	80	366
80 (3")	80	283	115	168,3	8x22,2	210	126	-	F10	55	27	M28x1,5	20	-	33	140	938
100 (4")	100	305	133	200	8x22,2	255	152	-	F12	56	27	M35x2	25	-	43	240	1.465
150 (6")	151	403	202	269,9	12x22,2	320	212	173	F14	70	36	M45x2	32	-	113	598	3.297
200 (8")	203	502	252	330,2	12x25,4	380	233	210	F14	70	37	M45x2	32	-	157	1.400	5.861
250 (10")	254	568	284	387,4	16x28,5	445	257	253	F14	70	37	M45x2	32	-	263	1.604	9.454
300 (12")	305	648	315	450,8	16x31,8	520	310	300	F16	103	49	Ø60	18	64,2	480	2.310	13.631
350 (14")	337	762	381	514,4	20x34,9	585	333	331	F16	103	49	Ø60	18	64,2	655	3.642	16.641
400 (16")	388	838	419	571,5	20x34,9	650	412	365	F25	159	103	Ø90	25	95,3	890	3.900	23.554

Fig. 2560 (Class 600)

DN	øP	L	L1	øR	n x øS	øT	h	N	ISO 5211	B	C	I	J	K	WEIGHT	TORQUE	Kv
50 (2")	50	292	96	127	8x19,1	165	84	-	F07	42	17	M22x1,5	16	-	20	90	366
80 (3")	80	356	140	168,3	8x22,2	210	126	113	F10	55	27	M28x1,5	20	-	41	170	938
100 (4")	100	432	160	215,9	8x25,2	275	152	-	F12	56	27	M35x2	25	-	77	392	1.465
150 (6")	151	559	246	292,1	12x28,5	355	212	188	F14	97	49	Ø45	14	48,5	192	1.007	3.297
200 (8")	203	660	315	349,2	12x31,8	420	237	235	F14	113	64	Ø50	14	53,5	329	2.057	5.861
250 (10")	254	787	340	431,8	16x34,9	510	275	273	F16	103	49	Ø60	18	64,2	460	3.013	9.454
300 (12")	305	838	404	489	20x34,9	560	345	335	F16	127	73	Ø65	18	69,2	570	5.500	13.631

 Dimensions in mm, weight in kg and Torque in Nm.
 Weights and dimensions can be changed without notice.