

2-PIECE FULL PORT FLANGED BALL VALVES

FIG. S-239F / C-239F: PN40 FLANGED ENDS, ISO 5211 MOUNTING PAD.

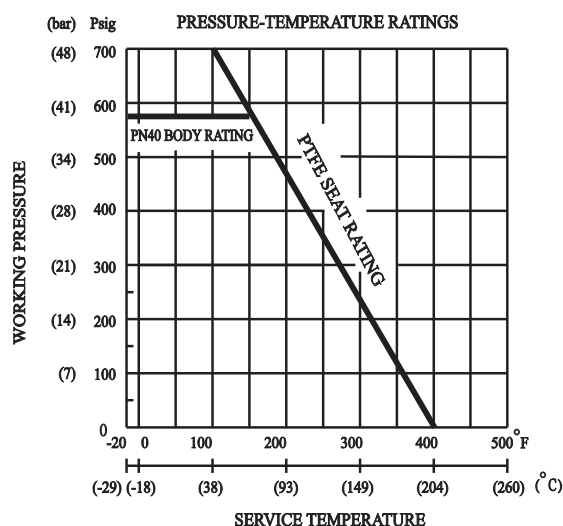
FEATURES:

- Split body design with flanged ends for fast installation, in-line maintenance and rebuilding. Solid ball construction provides structural integrity and minimizes flow turbulence.
- Body joint is designed to prevent excessive compression of valve internals, resulting in a consistent and low operating torque.
- Mounting pad complied with ISO 5211 for ease and interchangeability of actuation.
- Bottom-loaded blow-out proof stem.
- Basic design complied with DIN 3339, DIN 3357-1, DIN 3357-2, & EN 12516-1.
- Flanged ends complied with DIN 2501-1 & DIN 2545 PN40.
- Face-to-face dimensions complied with DIN 3202-1.
- Tested according to DIN 3357-1, DIN 3230-3 (strength & leakage test), & API 598.



MATERIALS LIST:

NO.	PARTS	S-238F/S-239F	C-238F/C-239F
1	END CAP	DIN EN10213-4 1.4408/CF8M	DIN EN10213-2 1.0619/WCB
2	BOLT	AISI 304	CARBON STEEL
3	NUT	AISI 304	CARBON STEEL
4	GASKET	PTFE	PTFE
5	BALL	DIN EN10213-4 1.4408/CF8M	DIN EN10213-4 1.4308/CF8
6	SEAT	PTFE	PTFE
7	BODY	DIN EN10213-4 1.4408/CF8M	DIN EN10213-2 1.0619/WCB
8	STEM	ASTM A276-316	ASTM A276-304
9	THRUST WASHER	PTFE	PTFE
10	STEM PACKING	PTFE	PTFE
11	GLAND	AISI 304	AISI 304
12	NUT LOCK	AISI 304	AISI 304
13	BELLEVILLE WASHER	AISI 301	AISI 301
14	PACKING NUT	AISI 304	AISI 304
15	HANDLE	AISI 304	ZINC PLATED STEEL
16	HANDLE NUT	AISI 304	AISI 304
17	STOP SCREW	AISI 304	CARBON STEEL
18	HANDLE COVER	PVC	PVC
19	HANDLE STOPPER	AISI 304	AISI 304
20	SNAP RING	AISI 420	AISI 420
21	GLAND BOLT	AISI 304	CARBON STEEL
22	BOLT	CARBON STEEL	CARBON STEEL
23	COUPLER	DIN EN10213-2 1.0619/WCB	DIN EN10213-2 1.0619/WCB
24	HANDLE	CARBON STEEL	CARBON STEEL
25	GLAND	DIN EN10213-4 1.4308/CF8	DIN EN10213-2 1.0619/WCB



OPTIONS:

- F: FIRE-SAFE PER API 607.
- A: ANTI-STATIC DEVICE.
- V: VENTED BALL
- G : EQUIPPED WITH GEAR OPERATOR.
- P : EQUIPPED WITH PNEUMATIC ACTUATOR.

DIMENSIONS

SIZE		φ D		L		T		φ R		φ C		φ B		φ P		N	H		W	
in	DN	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		in	mm	in	mm
1/2"	15	0.59	15	4.53	115	0.63	16.00	1.77	45	2.56	65	3.74	95	0.55	14	4	3.62	92	5.31	135
3/4"	20	0.79	20	4.72	120	0.71	18.00	2.28	58	2.95	75	4.13	105	0.55	14	4	3.64	92.5	5.31	135
1"	25	1.00	25.4	4.92	125	0.71	18.00	2.68	68	3.35	85	4.53	115	0.55	14	4	3.84	97.5	5.31	135
1 1/4"	32	1.26	32	5.12	130	0.71	18.00	3.07	78	3.94	100	5.51	140	0.71	18	4	4.06	103	7.09	180
1 1/2"	40	1.57	40	5.51	140	0.71	18.00	3.46	88	4.33	110	5.91	150	0.71	18	4	4.25	108	7.09	180
2"	50	1.97	50	5.91	150	0.79	20.00	4.02	102	4.92	125	6.50	165	0.71	18	4	4.98	126.5	7.09	180
2 1/2"	65	2.56	65	6.69	170	0.87	22.00	4.80	122	5.71	145	7.28	185	0.71	18	8	5.75	146	9.57	243
3"	80	3.15	80	7.09	180	0.94	24.00	5.43	138	6.30	160	7.87	200	0.71	18	8	6.28	159.5	9.57	243
4"	100	3.94	100	7.48	190	0.94	24.00	6.38	162	7.48	190	9.25	235	0.87	22	8	7.48	190	10.83	275
5"	125	4.92	125	12.80	325	1.02	26.00	7.40	188	8.66	220	10.63	270	1.02	26	8	8.66	220	15.75	400
6"	150	5.91	150	13.78	350	1.10	28.00	8.58	218	9.84	250	11.81	300	1.02	26	8	9.11	231.5	21.46	545
8"	200	7.87	200	15.75	400	1.34	34.00	11.22	285	12.60	320	14.76	375	1.18	30	12	11.48	291.5	35.43	900
10"	250	9.84	250	17.72	450	1.50	38.00	13.58	345	15.16	385	17.72	450	1.30	33	12	13.98	355	39.37	1000

We reserve the rights to modify our product design or construction for improvement without prior notice.