

## 2-PIECE FULL PORT FLANGED BALL VALVES

### FIG. S-209F / C-209F: PN40 FLANGED ENDS.

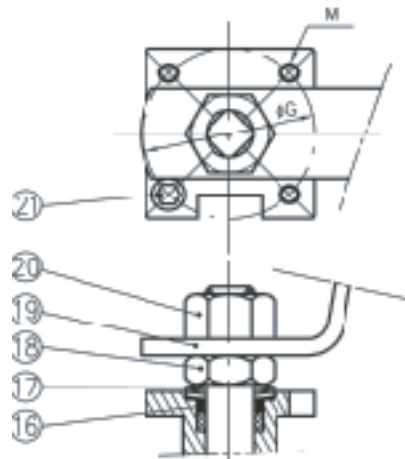
#### FEATURES:

- 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.
- 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 2543 PN 16 (for Fig. S-208F); DIN 2501-1 & DIN 2545 PN40 (for Fig. S-209F).
- Face-to-face dimensions complied with DIN 3202-1.
- Tested according to DIN 3357-1, DIN 3230-3 (strength & leakage test), & API 598.



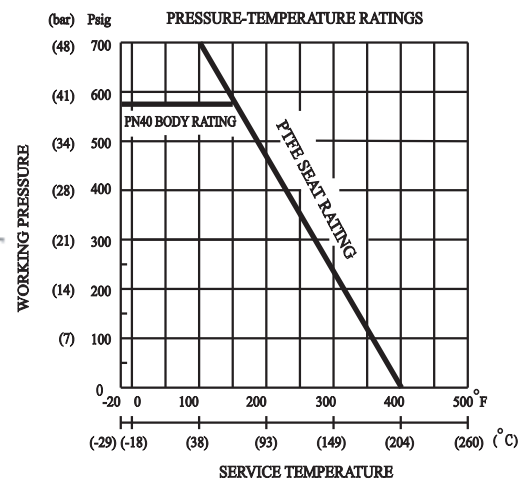
#### DIMENSIONS OF MOUNTING PAD

SIZE		φG		M
in	mm	in	mm	mm
1/2"	15	1.65	42	M5
3/4"	20	1.65	42	M5
1"	25	1.65	42	M5
1 1/2"	40	1.97	50	M6
2"	50	2.76	70	M8
2 1/2"	65	2.76	70	M8
3"	80	2.76	70	M8
4"	100	4.02	102	M10
5"	125	-	-	-
6"	150	-	-	-
8"	200	-	-	-
10"	250	-	-	-



OPTION FOR 1/2" TO 4".  
WITH PACKING NUT &  
BELLEVILLE WASHER DESIGN,  
ISO 6611 MOUNTING PAD.

( FIG. S-209F/C-209F  
S-209F/C-209F )



#### DIMENSIONS

SIZE		φD		L		T	φR		φC		φB		φP		N	H		W		
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	3.35	85	4.92	125
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	3.39	86	4.92	125
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	3.62	92	5.71	145
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	7.68	195
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	4.92	125	9.84	250
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	5.79	147	12.01	305
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	6.34	161	12.01	305
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	7.32	186	13.39	340
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	21.65	550
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	9.45	240	21.65	550
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	11.81	300	39.37	1000
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