



IMPERIAL DIMENSIONS: Inches

Valve Size	A	B	B1	B2	C	D	E	F	G	H	J	K	L	Top Plate Drilling				Flange Data						Adapter	Weight (lbs.)
														BC	No of Holes	Hole Dia.	Flange Type	Retainer Side			Far Side				
																		BC	Tapped Holes	Thread Size	Taped Depth	# Thru Holes	Hole Dia.		
3	5.25	4.50	1.52	1.12	2.06	4.09	6.63	4.36	.63	.43	1.25	2.50	8.25	2.76	4	.38	F07	6.63	8	.75-10	Thru	8	.88	B	46
4	6.72	5.00	1.72	1.25	2.82	4.71	7.50	4.36	.63	.43	1.25	2.50	10.00	2.76	4	.38	F07	7.88	8	.75-10	Thru	8	.88	B	68
6	8.88	5.50	1.91	1.44	5.01	6.25	8.75	5.12	.87	.63	1.25	4.50	12.50	4.92	4	.53	F12	10.62	12	.75-10	Thru	12	.88	D	117
8	10.94	6.00	2.17	1.62	6.71	7.55	10.00	6.12	1.18	.87	2.00	4.50	15.50	4.92	4	.55	F12	10.62	12	.75-10	Thru	12	.88	E	194
10	13.26	6.50	2.54	1.88	8.56	9.36	11.38	6.12	1.38	.39	2.00	4.50	17.50	4.92	4	.53	F12	13.00	12	.88-9	Thru	12	1.00	F	299
12	15.57	7.00	2.75	2.00	10.40	10.89	13.50	7.75	1.38	.39	2.00	6.50	20.50	4.92	4	.53	F12	17.75	16	1.13-8	Thru	16	1.25	F	432
14	17.24	7.50	2.94	2.12	10.54	12.50	18.25	10.38	1.97	.39	2.5	6.50	23.00	6.50	4	.81	F16	20.25	16	1.13-8	Thru	16	1.25	G	683
16	19.50	8.50	3.13	2.25	13.53	13.88	21.00	10.38	2.50	.63	4.00	6.50	25.50	6.50	4	.81	F16	22.50	16	1.25-8	Thru	16	1.38	H	902
18	21.38	8.75	3.63	2.38	13.80	15.43	21.00	15.38	2.50	.63	4.00	11.75	28.00	10.00	8	.67	F25	24.75	20	1.25-8	Thru	20	1.38	F25-1	1169
20	23.76	9.00	3.57	2.50	15.50	16.80	22.25	15.38	3.00	.75	4.00	11.75	30.50	10.00	8	.67	F25	27.00	20	1.25-8	Thru	20	1.38	F25-2	1435
24	28.75	10.50	3.88	2.75	19.75	19.80	25.75	19.50	3.50	.63	5.25	13.50	36.00	11.73	8	.81	F30	32.00	20	1.50-8	Thru	20	1.62	F30-2	2206
30	35.00	12.52	5.03	3.62	25.88	23.40	32.25	24.00	4.50	.75	5.25	16.00	43.00	14.02	8	1.25	F35	39.25	24	1.75-8	Thru	24	1.88	F35-3	3814
36	42.06	12.99	5.99	4.12	32.44	27.12	36.25	24.00	5.00	.88	6.00	16.00	50.00	14.02	8	1.25	F35	46.00	28	2.00-8	Thru	28	2.12	F35-4	5122
42	45.63	16.14	6.94	4.69	37.37	29.25	40.50	26.00	6.00	1.0	6.50	18.70	50.75	15.98	8	1.50	F35	47.50	28	1.63-8	Thru	28	1.75	F35-3	5978

METRIC DIMENSIONS: Millimeters

Valve Size	A	B	B1	B2	C	D	E	F	G	H	J	K	L	Top Plate Drilling				Flange Data						Adapter	Weight (kg)
														BC	No of Holes	Hole Dia.	Flange Type	Retainer Side			Far Side				
																		BC	Tapped Holes	Thread Size	Taped Depth	# Thru Holes	Hole Dia.		
80	133	114	39	28	52	104	168	111	16	11	32	64	210	70	4	10	F07	168	8	.75-10	Thru	8	22	B	21
100	171	127	44	32	72	120	191	111	16	11	32	64	254	70	4	10	F07	200	8	.75-10	Thru	8	22	B	31
150	226	140	49	37	127	159	222	130	22	16	32	114	318	125	4	13	F12	270	12	.75-10	Thru	12	22	D	53
200	278	152	55	41	170	192	254	155	30	22	51	114	394	125	4	14	F12	270	12	.75-10	Thru	12	22	E	88
250	337	165	65	48	217	238	289	155	35	10	51	114	445	125	4	13	F12	330	12	.88-9	Thru	12	25	F	136
300	395	178	70	51	264	277	343	197	35	10	51	165	521	125	4	13	F12	451	16	1.13-8	Thru	16	32	F	196
350	438	191	75	54	268	318	464	264	50	10	64	165	584	165	4	21	F16	514	16	1.13-8	Thru	16	32	G	310
400	495	216	80	57	344	353	533	264	64	16	102	165	648	165	4	21	F16	572	16	1.25-8	Thru	16	35	H	409
450	543	222	92	60	351	392	533	391	64	16	102	298	711	254	8	17	F25	629	20	1.25-8	Thru	20	35	F25-1	530
500	604	229	91	64	394	427	565	391	76	19	102	298	775	254	8	17	F25	686	20	1.25-8	Thru	20	35	F25-2	651
600	730	267	99	70	502	503	654	495	89	16	133	343	914	298	8	21	F30	813	20	1.50-8	Thru	20	41	F30-2	1001
750	889	318	128	92	657	594	819	610	114	19	133	406	1092	356	8	32	F35	997	24	1.75-8	Thru	24	48	F35-3	1730
900	1068	330	152	105	824	689	921	610	127	22	152	406	1270	356	8	32	F35	1168	28	2.00-8	Thru	28	54	F35-4	2323
1050	1159	410	176	119	949	743	1029	660	152	25	165	475	1289	406	8	38	F35	1207	28	1.63-8	Thru	28	44	F35-3	2712

Drawings are for reference only. Please refer to Bray ES drawings on the Bray website, www.bray.com. Bray reserves the right to change product dimensions without notice.