

ASME B16.10 RF/BWE Valve Face to Face & End to End dimension Ball/Gate/Globe/Check/Plug

Size		Class 150-RF				Class 300-RF				Class 150,300-BWE				Class 600 RF/ BWE		Class 900 RF/ BWE		Class 1500 RF/ BWE		Class 2500 RF/ BWE	
		Short Pattern		Long Pattern		Short Pattern		Long Pattern		Short Pattern		Long Pattern									
NPS	DN	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2"	15	108	4.25	108	4.25	140	5.50	140	5.50	140	5.50	-	-	165	6.50	216	8.50	216	8.50	264	10.38
3/4"	20	117	4.62	117	4.62	152	6.00	152	6.00	152	6.00	-	-	190	7.50	229	9.00	229	9.00	273	10.75
1"	25	127	5.00	127	5.00	165	6.50	165	6.50	165	6.50	-	-	216	8.50	254	10.0	254	10.00	308	12.12
1 1/4"	32	140	5.50	140	5.50	178	7.00	178	7.00	178	7.00	-	-	229	9.00	279	11.00	279	11.00	349	13.75
1 1/2"	40	165	6.50	165	6.50	190	7.50	190	7.50	190	7.50	190	7.50	241	9.50	305	12.00	305	12.00	384	15.12
2"	50	178	7.00	178	7.00	216	8.50	216	8.50	216	8.50	216	8.50	292	11.50	368	14.50	368	14.50	451	17.75
2 1/2"	65	190	7.50	190	7.50	241	9.50	241	9.50	241	9.50	241	9.50	330	13.00	419	16.50	419	16.50	508	20.00
3"	80	203	8.00	203	8.00	282	11.12	282	11.12	282	11.12	282	11.12	356	14.00	381	15.00	470	18.50	578	22.75
4"	100	229	9.00	229	9.00	305	12.00	305	12.00	305	12.00	305	12.00	432	17.00	457	18.00	546	21.50	673	26.50
6"	150	267	10.50	394	15.50	403	15.88	403	15.88	403	15.88	457	18.00	559	22.00	610	24.00	705	27.75	914	36.00
8"	200	292	11.50	457	18.00	419	16.50	502	19.75	419	16.50	521	20.50	660	26.00	737	29.00	832	32.75	1022	40.25
10"	250	330	13.00	533	21.00	457	18.00	568	22.38	457	18.00	559	22.00	787	31.00	838	33.00	991	39.00	1270	50.00
12"	300	356	14.00	610	24.00	502	19.75	648	25.50	502	19.75	635	25.00	838	33.00	965	38.00	1130	44.50	1422	56.00
14"	350	381	15.00	686	27.00	572	22.50	762	30.00	572	22.50	762	30.00	889	35.00	1029	40.50	1257	49.50	-	-
16"	400	406	16.00	762	30.00	610	24.00	838	33.00	610	24.00	838	33.00	991	39.00	1130	44.50	1384	54.50	-	-
18"	450	-	-	864	34.00	660	26.00	914	36.00	660	26.00	914	36.00	1092	43.00	1219	48.00	1537	60.50	-	-
20"	500	-	-	914	36.00	711	28.00	991	39.00	711	28.00	991	39.00	1194	47.00	1231	52.00	1664	65.50	-	-
24"	600	-	-	1067	42.00	813	32.00	1143	45.00	813	32.00	1143	45.00	1397	55.00	1549	61.00	-	-	-	-

RF - Raised Face
BWE - Butt weld end

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