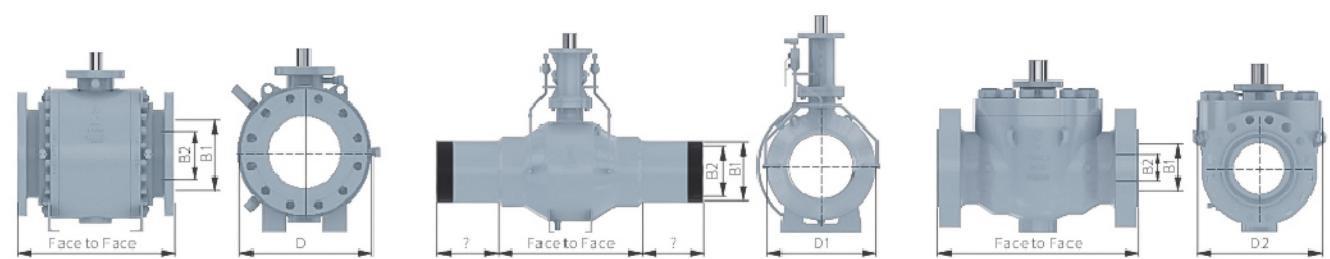
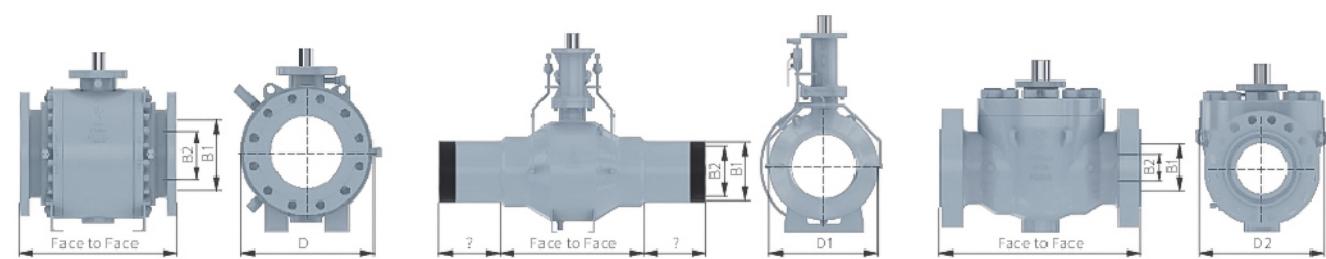


Dimensions: Class 150 - Full Port

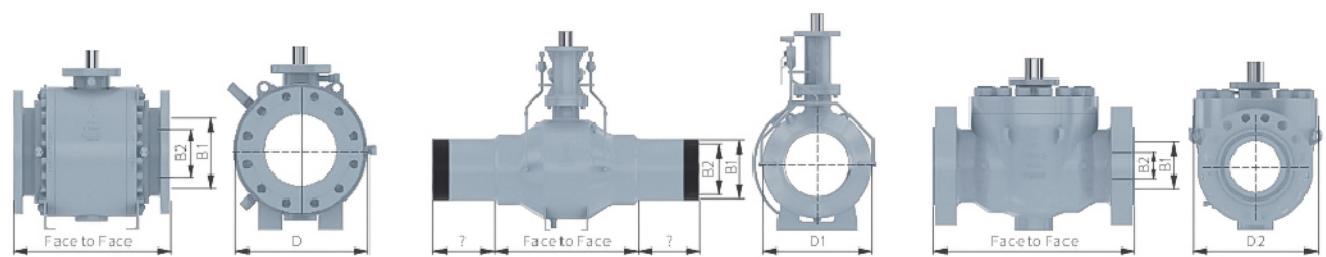


Dimensions: Class 150 - Reduced Port

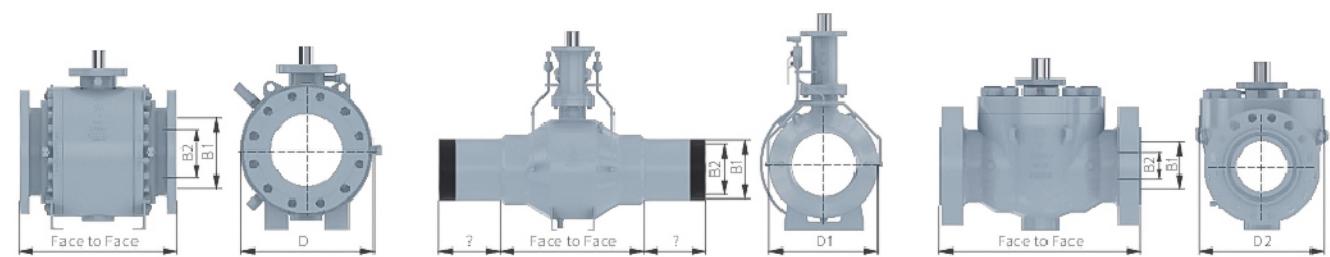


Size	Bore		Side Entry						Top Entry							
			Model / Face to Face				Weight		Model / Face to Face			Weight				
NPS/DN	B1	B2	FF, FW RF	FF, FW RTJ	FF BWE	FW BWE	D in/mm	D1 in/mm	Model FF lb/kg	Model FW lb/kg	FT RF	FT RTJ	FT BWE	D2 in/mm	Model FT lb/kg	
2"	1.94	1.94	7.00	7.50	8.50	11.0	●	6.5	6.5	53	53	11.50	11.63	11.50	7.5	110
50	49	49	178	191	216	279	●	166	166	24	24	292	295	292	190	50
3"	2.94	2.94	8.00	8.50	11.13	12.5	●	7.8	7.8	79	79	14.00	14.13	14.00	9.4	254
80	74	74	203	216	283	318	●	198	198	36	36	356	359	356	240	115
4"	3.94	3.94	9.00	9.50	12.00	14.0	●	9.8	9.8	132	132	17.00	17.13	17.00	11.4	474
100	100	100	229	241	305	356	●	249	249	60	60	432	435	432	290	215
6"	5.94	5.94	15.50	16.00	18.00	18.0		12.9	13.0	364	357	22.00	22.13	22.00	14.6	573
150	150	150	394	406	457	457		328	329	165	162	559	562	559	370	260
8"	7.94	7.94	18.00	18.50	20.50	21.5	●	15.7	15.4	575	549	26.00	26.13	26.00	16.3	1235
200	201	201	457	470	521	546	●	400	392	261	249	660	664	660	415	560
10"	9.94	9.94	21.00	21.50	22.00	23.5	●	18.4	18.0	869	805	31.00	31.13	31.00	19.9	1146
250	252	252	533	546	559	597	●	468	456	394	365	787	791	787	505	520
12"	11.94	11.94	24.00	24.50	25.00	26.5	●	22.8	22.1	1594	1455	33.00	33.13	33.00	22.6	1455
300	303	303	610	622	635	673	●	580	562	723	660	838	841	838	575	660
14"	13.19	13.19	27.00	27.50	30.00	28.5	■	23.8	23.4	1852	1711	35.00	35.13	35.00	26.4	1169
350	334	334	686	699	762	724	■	604	595	840	776	889	892	889	670	530
16"	15.19	15.19	30.00	30.50	33.00	30.5	■	27.2	26.8	2617	2575	39.00	39.13	39.00	28	2734
400	385	385	762	775	838	775	■	690	680	1187	1168	991	994	991	712	1240
18"	17.19	17.19	34.00	34.50	36.00	33.5	■	30.4	29.5	3417	3241	43.00	43.13	43.00	29.8	3638
450	436	436	864	876	914	851	■	773	750	1550	1470	1092	1095	1092	757	1650
20"	19.19	19.19	36.00	36.50	39.00	35.5	■	33.4	33.1	4480	4310	47.00	47.25	47.00	36.4	4652
500	487	487	914	927	991	902	■	848	842	2032	1955	1194	1200	1194	925	2110
22"	21.19	21.19	39.00*	N/A	43.0*	38.5	■	36.5	36.2	5370	5260	51.00	N/A	51.00	37.3	6614
550	538	538	991*	N/A	1092*	978	■	926	920	2436	2386	1295	N/A	1295	947	3000
24"	23.19	23.19	42.00	42.50	45.00	42.0	■	39.5	39.2	7046	6826	55.00	55.40	55.00	42.5	7716
600	589	589	1067	1080	1143	1067	■	1004	995	3196	3096	1397	1407	1397	1080	3500
26"	24.94	24.94	45.00	N/A	49.00	44.5	■	43.3	42.7	8334	8203	57.00	N/A	57.00	43.7	8598
650	633	633	1143	N/A	1245	1130	■	1099	1085	3780	3721	1448	N/A	1448	1110	3900
28"	26.94	26.94	49.00	N/A	53.00	47.0	■	46.5	46.1	10406	10296	61.00	N/A	61.00	45.1	10362
700	684	684	1245	N/A	1346	1194	■	1180	1170	4720	4670	1549	N/A	1549	1146	4700
30"	28.94	28.94	51.00	N/A	55.00	49.0	■	49.0	48.5	13098	12999	65.00	N/A	65.00	54.3	12456
750	735	735	1295	N/A	1397	1245	■	1232	5941	5896	1651	N/A	1651	1380	5650	
32"	30.69	30.69	54.00	N/A	60.00	N/A	51.7	51.5	15055	14923	70.00	N/A	70.00	55.9	15653	
800	779	779	1372	N/A	1524	N/A	1314	1308	6829	6769	1778	N/A	1778	1420	7100	
34"	32.69	32.69	58.00	N/A	64.00	54.5	■	55.3	55.0	17659	17549	76.00	N/A	76.00	59.1	17417
850	830	830	1473	N/A	1626	1384	■	1405	1398	8010	7960	1930	N/A	1930	1500	7900
36"	34.44	34.44	60.00	N/A	68.00	56.5	■	58.3	57.8	21231	21101	82.00	N/A	82.00	61.8	20521
900	874	874	1524	N/A	1727	1435	■	1480	1467	9630	9571	2083	N/A	2083	1570	9308
40"	38.44	38.44	69.0*	N/A	77.0*	65.0	■	62.8	62.2	26279	26125	86.60	N/A	86.60	66.9	28330
1000	976	976	1753*	N/A	1956*	1651	■	1594	1581	11920	11850	2200	N/A	2200	1700	12850
42"	40.19	40.19	73.0*	N/A		66.5	■	66.9	66.3	31956	31692	84.10	N/A	84.10	71.7	34988
1050	1020	1020	1855.0*	N/A		1689	■	1700	1685	14495	14375	2390	N/A	2390	1820	15870
48"	45.94	45.94	75.6*	N/A		76.0	■	76.4	75.6	39705	39474	106.30	N/A	106.30	86.6	49604
1200	1166	1166	1920.0*	N/A		1930	■	1940	1920	18010	17905	2700	N/A	2700	2200	

Dimensions: Class 300 - Full Port

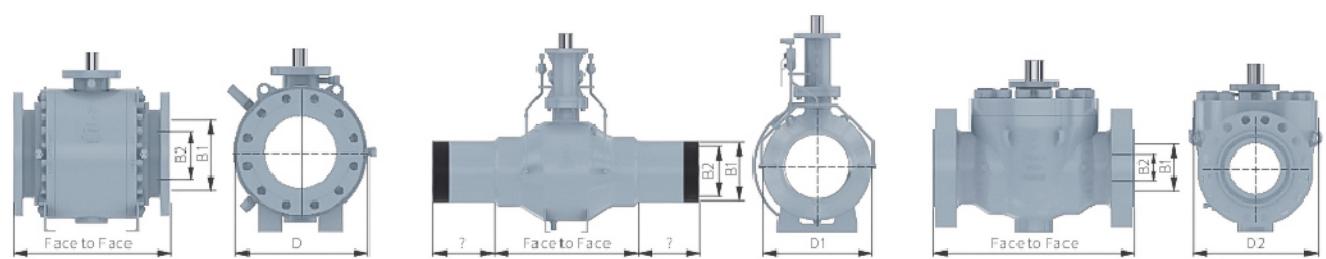


Dimensions: Class 300 - Reduced Port

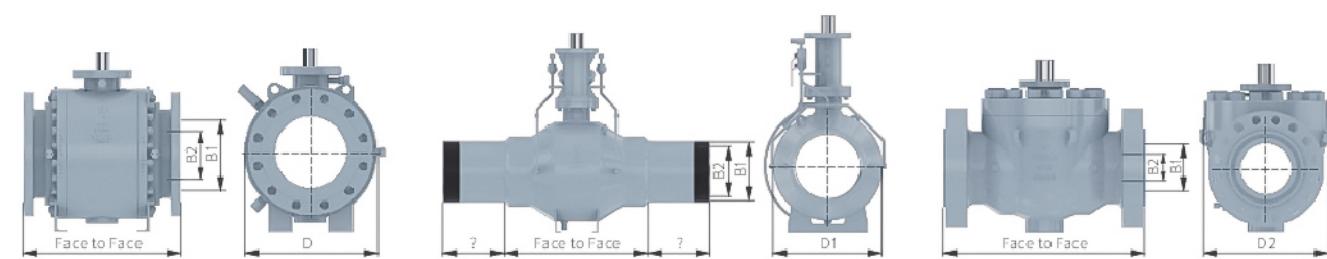


Size	Bore		Side Entry						Top Entry						Weight			Weight			
			Model / Face to Face				Weight		Model / Face to Face												
NPS/DN	B1 in/mm	B2 in/mm	FF, FW RF in/mm	FF, FW RTJ in/mm	FF BWE in/mm	FW BWE in/mm	D in/mm	D1 in/mm	Model FF lb/kg	Model FW lb/kg	FT RF in/mm	FT RTJ in/mm	FT BWE in/mm	Model GG lb/kg	Model GW lb/kg	GT RF in/mm	GT RTJ in/mm	GT BWE in/mm	D2 in/mm	Model Weight lb/kg	
2"	1.94	1.94	8.50	9.13	8.50	11.0	●	6.5	6.5	60	60	11.50	11.63	11.50	7.5	121					
50	49	49	216	232	216	279	●	166	166	27	27	292	295	292	190	55					
3"	2.94	2.94	11.13	11.75	11.13	12.5	●	8.5	8.5	132	132	14.00	14.13	14.00	9.4	276					
80	74	74	283	298	283	318	●	216	216	60	60	356	359	356	240	125					
4"	3.94	3.94	12.00	12.63	12.00	14.0	●	10.1	10.1	179	179	17.00	17.13	17.00	11.4	507					
100	100	100	305	321	305	356	●	256	256	81	81	432	435	432	290	230					
6"	5.94	5.94	15.88	16.50	18.00	18.0	12.9	12.9	408	397	22.00	22.13	22.00	14.6	606						
150	150	150	403	419	457	457	328	328	185	180	559	562	559	370	275						
8"	7.94	7.94	19.75	20.38	20.50	21.5	●	16.3	15.9	688	659	26.00	26.13	26.00	16.3	1124					
200	201	201	502	518	521	546	●	413	404	312	299	660	664	660	415	510					
10"	9.94	9.94	22.38	23.00	22.00	23.5	●	19.1	18.5	1038	977	31.00	31.13	31.00	19.9	1279					
250	252	252	568	584	559	597	●	485	470	471	443	787	791	787	505	580					
12"	11.94	11.94	25.50	26.13	25.00	26.5	●	23.6	22.8	1883	1713	33.00	33.13	33.00	22.6	1609					
300	303	303	648	664	635	673	●	600	580	854	777	838	841	838	575	730					
14"	13.19	13.19	30.00	30.63	30.00	28.5	■	24.0	23.4	2130	1962	35.00	35.13	35.00	26.4	2072					
350	334	334	762	778	762	724	■	610	595	966	890	889	892	889	670	940					
16"	15.19	15.19	33.00	33.63	33.00	30.5	■	27.6	26.8	3031	2785	39.00	39.13	39.00	28.0	3087					
400	385	385	838	854	838	775	■	700	680	1375	1263	991	994	991	712	1400					
18"	17.19	17.19	36.00	36.63	36.00	33.5	■	31.1	30.7	4145	4012	43.00	43.13	43.00	29.8	4079					
450	436	436	914	930	914	851	■	790	780	1880	1820	1092	1095	1092	757	1850					
20"	19.19	19.19	39.00	39.75	39.00	35.5	■	34.1	33.6	5236	4996	47.00	47.25	47.00	36.4	5181					
500	487	487	991	1010	991	902	■	865	854	2375	2266	1194	1200	1194	925	2350					
22"	21.19	21.19	43.00	43.88	43.00	38.5	■	37.1	36.6	6371	6129	51.00	51.38	51.00	37.3	7341					
550	538	538	1092	1114	1092	978	■	943	930	2890	2780	1295	1305	1295	947	3330					
24"	23.19	23.19	45.00	45.88	45.00	42.0	■	40.6	40.2	8380	7963	55.00	55.38	55.00	42.5	8598					
600	589	589	1143	1165	1143	1067	■	1031	1020	3801	3612	1397	1407	1397	1080	3900					
26"	24.94	24.94	49.00	50.00	49.00	44.5	■	43.4	42.9	10847	10450	57.00	57.50	57.00	43.7	10141					
650	633	633	1245	1270	1245	1130	■	1103	1090	4920	4740	1448	1461	1448	1110	4600					
28"	26.94	26.94	53.00	54.00	53.00	47.0	■	46.5	45.7	13451	13184	61.00	61.50	61.00	45.1	12214					
700	684	684	1346	1372	1346	1194	■	1180	1160	6101	5980	1549	1562	1549	1146	5540					
30"	28.94	28.94	55.00	56.00	55.00	49.0	■	50.0	49.2	15362	14782	65.00	65.50	65.00	54.3	14771					
750	735	735	1397	1422	1397	1245	■	1270	1250	6968	6705	1651	1664	1651	1380	6700					
32"	30.69	30.69	60.00	61.13	60.00	N/A	52.7	52.0	18409	17902	70.00	70.63	70.00	55.9	18519						
800	779	779	1524	1553	1524	N/A	1339	1320	8350	8120	1778	1794	1778	1420	8400						
34"	32.69	32.69	64.00	65.13	64.00	54.5	■	56.3	55.3	21870	21187	76.00	76.63	76.00	59.1	20503					
850	830	830	1626	1654	1626	1384	■	1430	1405	9920	9610	1930	1946	1930	1500	9300					
36"																					

Dimensions: Class 600 - Full Port

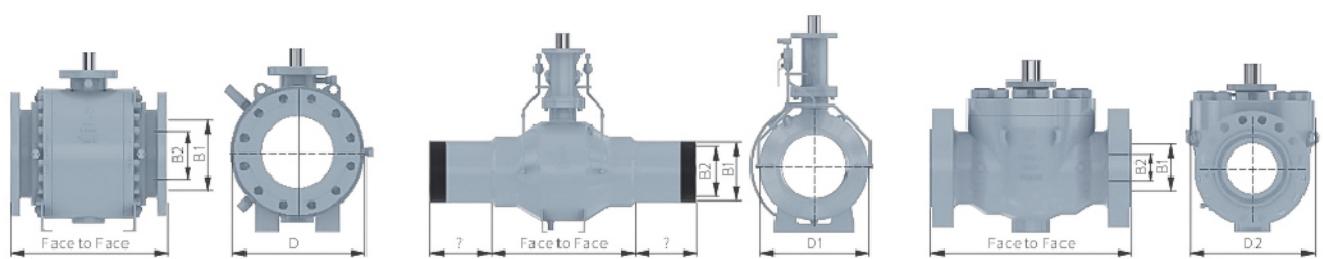


Dimensions: Class 600 - Reduced Port

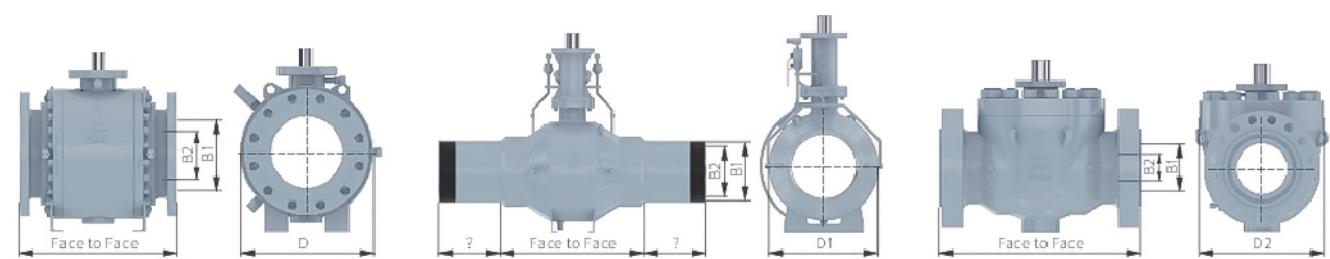


Size	Bore		Side Entry						Top Entry							
			Model / Face to Face				Weight		Model / Face to Face			Weight				
NPS/DN	B1	B2	FF, FW RF	FF, FW RTJ	FF BWE	FW BWE	D in/mm	D1 in/mm	Model FF lb/kg	Model FW lb/kg	FT RF	FT RTJ	FT BWE	D2 in/mm	Model FT lb/kg	
2"	1.94	1.94	11.50	11.63	11.50	11.0	6.5	6.5	79	79	11.50	11.63	11.50	7.5	132	
50	49	49	292	295	292	279	■	166	166	36	36	292	295	292	190	60
3"	2.94	2.94	14.00	14.13	14.00	12.5	8.5	8.5	154	154	14.00	14.13	14.00	9.4	287	
80	74	74	356	359	356	318	■	216	216	70	70	356	359	356	240	130
4"	3.94	3.94	17.00	17.13	17.00	14.0	10.9	10.9	254	254	17.00	17.13	17.00	11.4	529	
100	100	100	432	435	432	356	■	276	276	115	115	432	435	432	290	240
6"	5.94	5.94	22.00	22.13	22.00	18.0	■	14.0	14.0	573	501	22.00	22.13	22.00	14.6	628
150	150	150	559	562	559	457	■	356	356	260	227	559	562	559	370	285
8"	7.94	7.94	26.00	26.13	26.00	21.5	■	16.6	16.6	917	827	26.00	26.13	26.00	20.5	1235
200	201	201	660	664	660	546	■	421	421	416	375	660	664	660	521	560
10"	9.94	9.94	31.00	31.13	31.00	23.5	■	20.6	20.2	1636	1504	31.00	31.13	31.00	20.1	1852
250	252	252	787	791	787	597	■	523	512	742	682	787	791	787	510	840
12"	11.94	11.94	33.00	33.13	33.00	26.5	■	24.0	23.4	2412	2200	33.00	33.13	33.00	22.6	2028
300	303	303	838	841	838	673	■	610	595	1094	998	838	841	838	575	920
14"	13.19	13.19	35.00	35.13	35.00	28.5	■	25.0	24.2	2723	2436	35.00	35.13	35.00	26.4	2602
350	334	334	889	892	889	724	■	635	615	1235	1105	889	892	889	670	1180
16"	15.19	15.19	39.00	39.13	39.00	30.5	■	28.5	27.4	3860	3382	39.00	39.13	39.00	28.0	3748
400	385	385	991	994	991	775	■	725	696	1751	1534	991	994	991	712	1700
18"	17.19	17.19	43.00	43.13	43.00	33.5	■	32.3	31.4	5379	4755	43.00	43.13	43.00	29.8	5291
450	436	436	1092	1095	1092	851	■	820	798	2440	2157	1092	1095	1092	757	2400
20"	19.19	19.19	47.00	47.25	47.00	35.5	■	35.4	35.2	6945	6442	47.00	47.25	47.00	36.4	6724
500	487	487	1194	1200	1194	902	■	900	893	3150	2922	1194	1200	1194	925	3050
22"	21.19	21.19	51.00	51.38	51.00	38.5	■	38.6	38.0	9039	8708	51.00	51.38	51.00	37.3	9524
550	538	538	1295	1305	1295	978	■	980	965	4100	3950	1295	1305	1295	947	4320
24"	23.19	23.19	55.00	55.38	55.00	42.0	■	42.5	40.5	11279	9965	55.00	55.38	55.00	42.5	11751
600	589	589	1397	1407	1397	1067	■	1080	1028	5116	4520	1397	1407	1397	1080	5330
26"	24.94	24.94	57.00	57.50	57.00	44.5	■	45.7	44.3	13051	11530	57.00	57.50	57.00	43.7	13206
650	633	633	1448	1461	1448	1130	■	1160	1125	5920	5230	1448	1461	1448	1110	5990
28"	26.94	26.94	61.00	61.50	61.00	47.0	■	48.6	47.2	15675	14881	61.00	61.50	61.00	45.1	16204
700	684	684	1549	1562	1549	1194	■	1235	1200	7110	6750	1549	1562	1549	1146	7350
30"	28.94	28.94	65.00	65.50	65.00	49.0	■	52.5	50.3	18742	15988	65.00	65.50	65.00	54.3	19886
750	735	735	1651	1664	1651	1245	■	1334	1277	8501	7252	1651	1664	1651	1380	9020
32"	30.69	30.69	70.00	70.63	70.00	52.0	■	55.1	52.8	21936	19842	70.00	70.63	70.00	55.9	24251
800	779	779	1778	1794	1778	1321	■	1400	1340	9950	9000	1778	1794	1778	1420	11000
34"	32.69	32.69	76.00	76.63	76.00	54.5	■	58.3	56.1	26566	24229	76.00	76.63	76.00	59.1	26676
850	830	830	1930	1946	1930	1384	■	1482	1425	12050	10990	1930	1946	1930	1500	12100
36"	34.44	34.44	82.00	82.63	82.00	56.5	■	62.4	59.2	31019	25916	82.00	82.63	82.00	61.8	31967
900	874	874	2083	2099	2083	1435	■	1585	1504	14070	11755	2083	2099	2083	1570	14500
40"	38.44	38.44	81.90*	81.90*	81.90*	65.0	■	67.6	65.0	34811	32254	86.60*	86.60*	86.60*	66.9	40499
1000	976	976	2080*	2080*	2080*	1651	■	1716	1650	15790	14630	2200*	2200*	2200*	1700	18370
42"	40.19	40.19	85.60*	85.60*	85.60*	66.5	■	69.6	66.9	39683	36817	84.10*	84.10*	84.10*	71.7	52294
1050	1020	1020	2175*	2175*	2175*	1689	■	1767	1700	18000	16700	2390*	2390*	2390*	1820	23720
48"	45.94	45.94	95.90*	95.90*	95.90*	76.0	■	81.5	78.7							

Dimensions: Class 900 - Full Port



Dimensions: Class 900 - Reduced Port

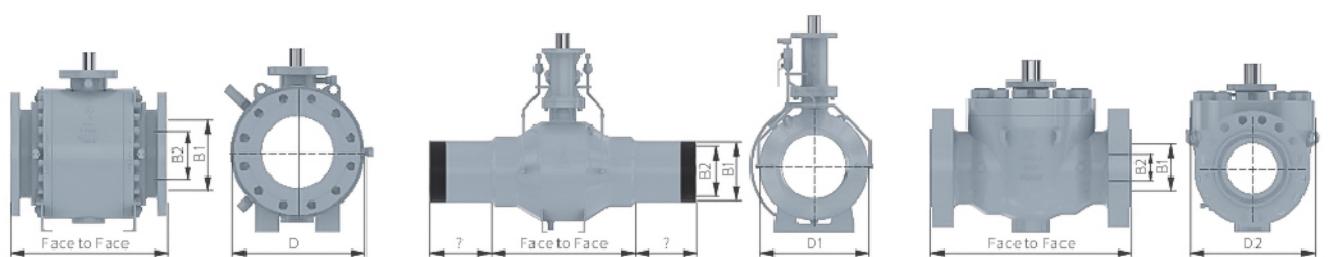


Size	Bore		Side Entry						Top Entry					
			Face to Face			D in/mm	D1 in/mm	Weight		Face to Face			D2 in/mm	Weight
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model FF lb/kg	Model FW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm		Model FT lb/kg
2"	1.94	1.94	14.50	14.63	14.50	8.5	8.5	137	137	14.50	14.63	14.50	8.5	121
50	49	49	368	371	368	216	216	62	62	368	371	368	216	55
3"	2.94	2.94	15.00	15.13	15.00	9.5	9.5	205	205	15.00	15.13	15.00	9.5	243
80	74	74	381	384	381	241	241	93	93	381	384	381	241	110
4"	3.94	3.94	18.00	18.13	18.00	11.5	11.5	337	337	18.00	18.13	18.00	11.5	474
100	100	100	457	460	457	291	291	153	153	457	460	457	291	215
6"	5.94	5.94	24.00	24.13	24.00	15.0	15.0	750	750	24.00	24.13	24.00	15.0	1091
150	150	150	610	613	610	381	381	340	340	610	613	610	381	495
8"	7.94	7.94	29.00	29.13	29.00	18.9	18.5	1482	1433	29.00	29.13	29.00	18.5	1874
200	201	201	737	740	737	480	470	672	650	737	740	737	470	850
10"	9.94	9.94	33.00	33.13	33.00	21.5	21.5	2061	2017	33.00	33.13	33.00	21.5	2205
250	252	252	838	841	838	546	546	935	915	838	841	838	545	1000
12"	11.94	11.94	38.00	38.13	38.00	25.0	24.0	3098	2976	38.00	38.13	38.00	24.4	2976
300	303	303	965	968	965	635	610	1405	1350	965	968	965	620	1350
14"	12.69	12.69	40.50	40.88	40.50	26.5	25.2	3825	3638	40.50	40.88	40.50	29.7	4035
350	322	322	1029	1038	1029	673	640	1735	1650	1029	1038	1029	755	1830
16"	14.69	14.69	44.50	44.88	44.50	29.8	28.5	4985	4630	44.50	44.88	44.50	33.9	5732
400	373	373	1130	1140	1130	757	725	2261	2100	1130	1140	1130	860	2600
18"	16.69	16.69	48.00	48.50	48.00	33.9	31.5	6834	5842	48.00	48.50	48.00	34.3	7937
450	423	423	1219	1232	1219	862	800	3100	2650	1219	1232	1219	870	3600
20"	18.56	18.56	52.00	52.50	52.00	38.0	36.2	9462	8708	52.00	52.50	52.00	38.6	10406
500	471	471	1321	1334	1321	965	920	4292	3950	1321	1334	1321	980	4720
24"	22.44	22.44	61.00	61.75	61.00	45.9	43.3	16579	15432	61.00	61.75	61.00	43.7	16755
600	570	570	1549	1568	1549	1165	1100	7520	7000	1549	1568	1549	1110	7600
28"	26.19	26.19	68.00*	68.00*	68.00*	50.5	48.0	22598	21936	68.00*	68.00*	68.00*	48.8	24229
700	665	665	1726*	1726*	1726*	1282	1220	10250	9950	1726*	1726*	1726*	1240	10990
30"	28.06	28.06	74.00	74.88	74.00	54.1	51.2	28550	26456	74.00	74.88	74.00	57.1	32232
750	712	712	1880	1902	1880*	1375	1300	12950	12000	1880	1902	1880*	1450	14620
32"	29.94	29.94	80.00*	80.90*	80.00*	57.1	53.1	29101	27338	80.00*	80.90*	80.00*	59.8	35715
800	760	760	2032*	2054*	2032*	1450	1350	13200	12400	2032*	2054*	2032*	1520	16200
34"	31.81	31.81	85.00*	86.10*	85.00*	59.8	55.9	37920	35495	85.00*	86.10*	85.00*	64.6	38361
850	808	808	2159*	2188*	2159*	1520	1420	17200	16100	2159*	2188*	2159*	1640	17400
36"	33.69	33.69	90.00	91.13	90.00	65.0	60.6	43762	38713	90.00	91.13	90.00	66.9	46297
900	855	855	2286	2315	2286*	1650	1540	19850	17560	2286	2315	2286*	1700	21000

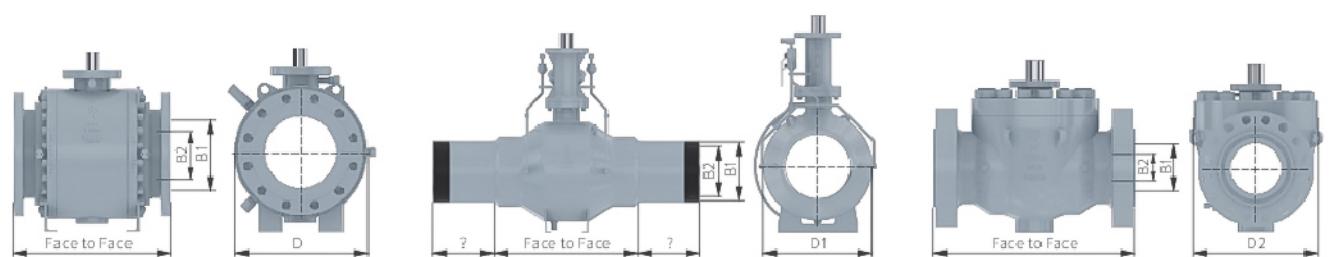
Weight and dimensions for larger valve sizes up to 56" available on request

Size	Bore		Side Entry						Top Entry					
			Face to Face			D in/mm	D1 in/mm	Weight		Face to Face			D2 in/mm	Weight
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model GG lb/kg	Model GW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm		Model FT lb/kg
2"×1½"	1.93	1.50	14.50	14.63	14.50	8.5	8.5	108	108	14.50	14.63	14.50	8.5	110
50×40	49	38	368	371	368	216	216	49	49	368	371	368	216	50
3"×2"	2.94	1.94	15.00	15.13	15.00	9.5	9.5	150	150	15.00	15.13	15.00	9.5	159
80×50	74	49	381	384	381	241	241	68	68	381	384	381	241	72
4"×3"	3.94	2.94	18.00	18.13	18.00	11.5	11.5	254	254	18.00	18.13	18.0		

Dimensions: Class 1500 - Full Port



Dimensions: Class 1500 - Reduced Port

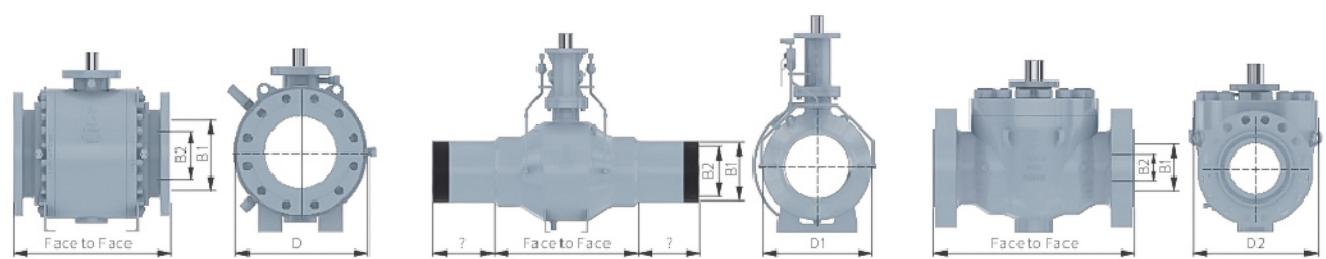


Size	Bore		Side Entry						Top Entry								
			Face to Face			D in/mm	D1 in/mm	Weight			Face to Face			D2 in/mm	Weight		
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model FF lb/kg	Model FW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm	Model FT lb/kg	RF in/mm	RTJ in/mm	BWE in/mm	Model FT lb/kg
2"	1.94	1.94	14.50	14.63	14.50	8.5	8.5	137	132	14.50	14.63	14.50	8.5	121			
50	49	49	368	371	368	216	216	62	60	368	371	368	216	55			
3"	2.94	2.94	18.50	18.63	18.50	10.5	10.5	260	254	18.50	18.63	18.50	10.5	331			
80	74	74	470	473	470	266	266	118	115	470	473	470	267	150			
4"	3.94	3.94	21.50	21.63	21.50	12.2	12.2	439	397	21.50	21.63	21.50	12.2	606			
100	100	100	546	549	546	311	311	199	180	546	549	546	311	275			
6"	5.69	5.69	27.75	28.00	27.75	16.3	16.3	1113	1102	27.75	28.00	27.75	15.6	1389			
150	144	144	705	711	705	415	415	505	500	705	711	705	396	630			
8"	7.56	7.56	32.75	33.13	32.75	20.2	20.2	1931	1907	32.75	33.13	32.75	19.1	2557			
200	192	192	832	841	832	512	512	876	865	832	841	832	486	1160			
10"	9.44	9.44	39.00	39.38	39.00	23.6	23.6	3175	3087	39.00	39.38	39.00	23.0	3263			
250	239	239	991	1000	991	600	600	1440	1400	991	1000	991	585	1480			
12"	11.31	11.31	44.50	45.13	44.50	27.4	27.4	4806	4740	44.50	45.13	44.50	27.9	4475			
300	287	287	1130	1146	1130	695	695	2180	2150	1130	1146	1130	709	2030			
14"	12.44	12.44	49.50	50.25	49.50	30.1	30.1	6440	6393	49.50	50.25	49.50	30.1	5842			
350	315	315	1257	1276	1257	765	765	2921	2900	1257	1276	1257	765	2650			
16"	14.19	14.19	54.50	55.38	54.50	34.6	34.6	9451	9370	54.50	55.38	54.50	33.4	8642			
400	360	360	1384	1407	1384	880	880	4287	4250	1384	1407	1384	848	3920			
18"	16.00	16.00	60.50	61.38	60.50*	37.2	37.2	13779	13559	60.50	61.38	60.50*	38.6	11641			
450	406	406	1537	1559	1537*	945	945	6250	6150	1537	1559	1537*	980	5280			
20"	17.88	17.88	65.50	66.38	65.50*	42.1	42.1	20062	19842	65.50	66.38	65.50*	40.0	14551			
500	454	454	1664	1686	1664*	1070	1070	9100	9000	1664	1686	1664*	1015	6600			
24"	21.50	21.50	77.60*	77.63	77.60*	49.6	49.6	30865	29542	77.60*	77.63	77.60*	50.9	24251			
600	546	546	1972*	1972	1972*	1260	1260	14000	13400	1972*	1972	1972*	1293	11000			

Weight and dimensions for larger valve sizes up to 48" available on request

Size	Bore		Side Entry						Top Entry								
			Face to Face			D in/mm	D1 in/mm	Weight			Face to Face			D2 in/mm	Weight		
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model GG lb/kg	Model GW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm	Model FT lb/kg	RF in/mm	RTJ in/mm	BWE in/mm	Model FT lb/kg
2"×11/2"	1.94	1.50	14.50	14.63	14.50	8.5	8.5	108	101	14.50	14.63	14.50	8.5	110			
50×40	49	38	368	371	368	216	216	49	46	368	371	368	216	50			
3"×2"	2.94	1.94	18.50	18.63	18.50	10.5	10.5	187	181	18.50	18.63	18.50	10.5	212			
80×50	74	49	470	473	470	266	266	85	82	470	473	470	267	96			
4"×3"	3.94	2.94	21.50	21.63	21.50	12.2	12.2	320	309	21.50	21.63	21.50	12.2	441			
100×80	100	74	546	549	546	311	311	145	140	546	549	546	311	200			
6"×4"	5.69	3.94	27.75	28.00	27.75	15.6	15.6	648	639	27.75	28.00	27.75	15.6	827			
150×100	144	100	705	711	705	396	396	294	290	705	711	705	396	375			
8"×6"	7.56	5.69	32.75	33.13	32.75	19.1	19.1	1374	1345	32.75	33.13	32.75	19.1	1565			
200×150	192	144	832	841	832	486	486	623	610	832	841	832	486	710			
10"×8"	9.44	7.56	39.00	39.38	39.00	23.1	23.1	2388	2359	39.00	39.38	39.00	23.1				

Dimensions: Class 2500 - Full Port



Size	Bore		Side Entry						Top Entry					
			Face to Face			D in/mm	D1 in/mm	Weight		Face to Face			D2 in/mm	Weight
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model FF lb/kg	Model FW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm		Model FT lb/kg
2"	1.69	1.69	17.75	17.88	17.75	9.3	AOR	234	AOR	17.75	17.88	17.75	9.3	276
50	42	42	451	454	451	236	AOR	106	AOR	451	454	451	235	125
3"	2.44	2.44	22.75	23.00	22.75	12.0	AOR	525	AOR	22.75	23.00	22.75	12.6	573
80	62	62	578	584	578	306	AOR	238	AOR	578	584	578	319	260
4"	3.44	3.44	26.50	26.88	26.50	14.0	AOR	844	AOR	26.50	26.88	26.50	14.3	1058
100	87	87	673	683	673	356	AOR	383	AOR	673	683	673	364	480
6"	5.19	5.19	36.00	36.50	36.00	20.9	AOR	2381	AOR	36.00	36.50	36.00	19.1	2425
150	131	131	914	927	914	530	AOR	1080	AOR	914	927	914	486	1100
8"	7.06	7.06	40.25	40.88	40.25	26.8	AOR	3885	AOR	40.25	40.88	40.25	21.7	3527
200	179	179	1022	1038	1022	680	AOR	1762	AOR	1022	1038	1022	550	1600
10"	8.81	8.81	50.00	50.88	50.00	31.1	AOR	6808	AOR	50.00	50.88	50.00	26.6	6173
250	223	223	1270	1292	1270	790	AOR	3088	AOR	1270	1292	1270	675	2800
12"	10.44	10.44	56.00	56.88	56.00	34.6	AOR	9864	AOR	56.00	56.88	56.00	30.1	9921
300	265	265	1422	1445	1422	880	AOR	4474	AOR	1422	1445	1422	765	4500

Weight and dimensions for larger valve sizes up to 30" available on request

Dimensions: Class 2500 - Reduced Port

Size	Bore		Side Entry						Top Entry					
			Face to Face			D in/mm	D1 in/mm	Weight		Face to Face			D2 in/mm	Weight
NPS/DN	B1 in/mm	B2 in/mm	RF in/mm	RTJ in/mm	BWE in/mm			Model GG lb/kg	Model GW lb/kg	RF in/mm	RTJ in/mm	BWE in/mm		Model FT lb/kg
2"×1½"	1.69	1.50	17.75	17.88	17.75	9.3	AOR	190	AOR	17.75	17.88	17.75	9.4	176
50×40	42	38	451	454	451	236	AOR	86	AOR	451	454	451	240	80
3"×2"	2.44	1.69	22.75	23.00	22.75	12.0	AOR	335	AOR	22.75	23.00	22.75	12.0	364
80×50	62	42	578	584	578	306	AOR	152	AOR	578	584	578	305	165
4"×3"	3.44	2.44	26.50	26.88	26.50	14.0	AOR	626	AOR	26.50	26.88	26.50	14.0	750
100×80	87	62	673	683	673	356	AOR	284	AOR	673	683	673	356	340
6"×4"	5.19	3.44	36.00	36.50	36.00	19.1	AOR	1307	AOR	36.00	36.50	36.00	19.1	1521
150×100	131	87	914	927	914	486	AOR	593	AOR	914	927	914	486	690
8"×6"	7.06	5.19	40.25	40.88	40.25	21.7	AOR	2734	AOR	40.25	40.88	40.25	21.7	2866
200×150	179	131	1022	1038	1022	551	AOR	1240	AOR	1022	1038	1022	551	1300
10"×8"	8.81	7.06	50.00	50.88	50.00	26.8	AOR	4943	AOR	50.00	50.88	50.00	26.6	5071
250×200	223	179	1270	1292	1270	680	AOR	2242	AOR	1270	1292	1270	676	2300
12"×10"	10.44	8.81	56.00	56.88	56.00	31.1	AOR	7734	AOR	56.00	56.88	56.00	29.9	7716
300×250	265	223	1422	1445	1422	790	AOR	3508	AOR	1422	1445	1422	760	3500

Weight and dimensions for larger valve sizes up to 30" available on request

Dimension: mm/kg - inch/lb

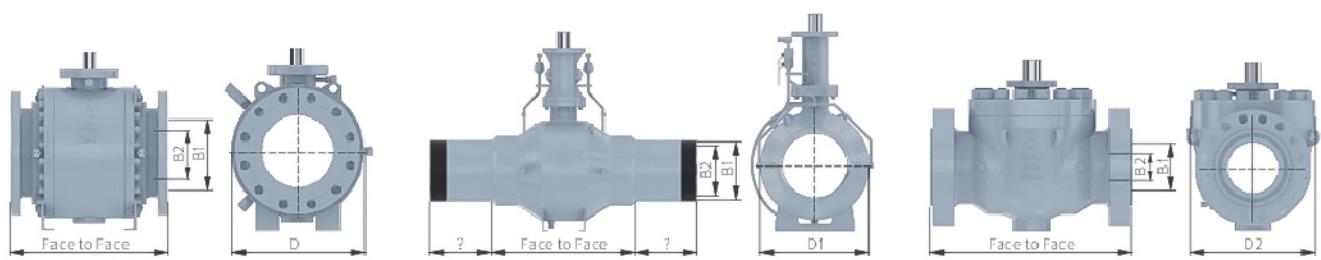
Note: D, D1 & D2 is the greater between body diameter and line flange diameter

All dimensions not related to international standards are indicative

Abbreviation:

* - Not a standard dimension AOR - Available on Request

Dimensions: API 6A



API 3000 Full Port

Size	Bore		Side Entry						Top Entry					
			Face to Face			D in/mm	D1 in/mm	Weight		Face to Face			D2 in/mm	Weight
Bore/NS	B1 in/mm	B2 in/mm	End RTJ 6B in/mm	Model FF lb/kg	Face to Face End RTJ 6B in/mm	D in/mm	Model FF lb/kg	Face to Face End RTJ 6B in/mm	D2 in/mm	Model FF lb/kg				
2 1/16	2.06	2.06	14.62	8.5	128	14.6	8.5	128	14.6	8.5	209			
52	52.4	52.4	371	215	58	371	215	58	371	215	95			
3 1/8	3.12	3.12	15.12	9.5	221</									