



ANSI B16 VALVE FACE TO FACE DIMENSIONS BALL VALVES

Valve Size	FULL AND REDUCED BORE									FULL BORE		
	CLASS 150			CLASS 300			CLASS 600			Ring and Groove (mm)	Ring and Groove (mm)	Ring and Groove (mm)
	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove			
Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	
2 (50)	7 (177.8)	8 1/2 (215.9)	7 1/2 (190.5)	8 1/2 (215.9)	8 1/2 (215.9)	9 1/8 (231.8)	11 1/2 (292.1)	11 1/2 (292.1)	11 5/8 (295.3)			
2 1/2 (65)	7 1/2 (190.5)	9 1/2 (241.3)	8 (203.2)	9 1/2 (241.3)	9 1/2 (241.3)	10 1/8 (257.2)	13 (330.2)	13 (330.2)	13 1/8 (333.4)			
3 (80)	8 (203.2)	11 1/8 (282.6)	8 1/2 (215.9)	11 1/8 (282.6)	11 1/8 (282.6)	11 3/4 (298.5)	14 (355.6)	14 (355.6)	14 1/8 (358.8)			
4 (100)	9 (228.6)	12 (304.8)	9 1/2 (241.3)	12 (304.8)	12 (304.8)	12 5/8 (320.7)	17 (431.8)	17 (431.8)	17 1/8 (435.0)			
6 (150)	15 1/2* (393.7)	18 (457.2)	16 (406.4)	15 7/8 (403.2)	18 (457.2)	16 1/2 (419.1)	22 (558.8)	22 (558.8)	22 1/8 (562.0)			
8 (200)	18* (457.2)	20 1/2* (520.7)	18 1/2 (469.9)	19 3/4 (501.7)	20 1/2 (520.7)	20 3/8 (517.5)	26 (660.4)	26 (660.4)	26 1/8 (663.6)			
10 (250)	21* (533.4)	22* (558.8)	21 1/2 (546.1)	22 3/8 (568.3)	22 (558.8)	23 (584.2)	31 (787.4)	31 (787.4)	31 1/8 (790.6)			
12 (300)	24* (609.6)	25* (635.0)	24 1/2 (622.3)	25 1/2 (647.7)	25 (635.0)	26 1/8 (663.6)	33 (838.2)	33 (838.2)	33 1/8 (841.4)			
14 (350)	27 (685.8)	30 (762.0)	27 1/2 (698.5)	30 (762.0)	30 (762.0)	30 5/8 (777.9)	35 (889.0)	35 (889.0)	35 1/8 (892.2)			
16 (400)	30 (762.0)	33 (838.2)	30 1/2 (774.7)	33 (838.2)	33 (838.2)	33 5/8 (854.1)	39 (990.6)	39 (990.6)	39 1/8 (993.8)			
18 (450)	34 (863.6)	36 (914.4)	34 1/2 (876.3)	36 (914.4)	36 (914.4)	36 5/8 (930.3)	43 (1092.2)	43 (1092.2)	43 1/8 (1095.4)			
20 (500)	36 (914.4)	39 (990.6)	36 1/2 (927.1)	39 (990.6)	39 (990.6)	39 3/4 (1009.7)	47 (1193.8)	47 (1193.8)	47 1/4 (1200.2)			
22 (550)	—	—	—	43 (1092.2)	43 (1092.2)	43 7/8 (1114.4)	51 (1295.4)	51 (1295.4)	51 3/8 (1304.9)			
24 (600)	42 (1066.8)	45 (1143.0)	42 1/2 (1079.5)	45 (1143.0)	45 (1143.0)	45 7/8 (1165.2)	55 (1397.0)	55 (1397.0)	55 3/8 (1406.5)			
26 (650)	45 (1143.0)	49 (1244.6)	—	49 (1244.6)	49 (1244.6)	50 (1270.0)	57 (1447.8)	57 (1447.8)	57 1/2 (1460.5)			
28 (700)	49 (1244.6)	53 (1346.2)	—	53 (1346.2)	53 (1346.2)	54 (1371.6)	61 (1549.4)	61 (1549.4)	61 1/2 (1562.1)			
30 (750)	51 (1295.4)	55 (1397.0)	—	55 (1397.0)	55 (1397.0)	56 (1422.4)	65 (1651.0)	65 (1651.0)	65 1/2 (1663.7)			
32 (800)	54 (1371.6)	60 (1524.0)	—	60 (1524.0)	60 (1524.0)	61 1/8 (1522.6)	70 (1778.0)	70 (1778.0)	70 5/8 (1793.9)			
34 (850)	58 (1437.2)	64 (1625.6)	—	64 (1625.6)	64 (1625.6)	65 1/8 (1654.2)	76 (1930.4)	76 (1930.4)	76 5/8 (1946.3)			
36 (900)	60 (1524.0)	68 (1727.2)	—	68 (1727.2)	68 (1727.2)	69 1/8 (1755.8)	82 (2082.8)	82 (2082.8)	82 5/8 (2098.7)			

* Also available short pattern

BALL VALVES (FULL BORE)

Valve Size	CLASS 900			CLASS 1500			CLASS 2500		
	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove
	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
2 (50)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	17 3/4 (450.9)	17 3/4 (450.9)	17 7/8 (454.0)
2 1/2 (65)	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	20 (508.0)	20 (508.0)	21 1/4 (539.8)
3 (80)	15 (381.0)	15 (381.0)	15 1/8 (384.2)	18 1/2 (469.9)	18 1/2 (469.9)	18 5/8 (473.1)	22 3/4 (577.9)	22 3/4 (577.9)	23 (584.2)
4 (100)	18 (457.2)	18 (457.2)	18 1/8 (460.4)	21 1/2 (546.1)	21 1/2 (546.1)	21 5/8 (549.3)	26 1/2 (673.1)	26 1/2 (673.1)	26 7/8 (682.6)
6 (150)	24 (609.6)	24 (609.6)	24 1/8 (612.8)	27 3/4 (704.9)	27 3/4 (704.9)	28 (711.2)	36 (914.4)	36 (914.4)	36 1/2 (927.1)
8 (200)	29 (736.6)	29 (736.6)	29 1/8 (739.8)	32 3/4 (831.9)	32 3/4 (831.9)	33 1/8 (841.4)	40 1/4 (1022.4)	40 1/4 (1022.4)	40 7/8 (1038.2)
10 (250)	33 (838.2)	33 (838.2)	33 1/8 (841.4)	39 (990.6)	39 (990.6)	39 3/8 (1000.1)	50 (1270.0)	50 (1270.0)	50 7/8 (1292.2)
12 (300)	38 (965.2)	38 (965.2)	38 1/8 (968.4)	44 1/2 (1130.3)	44 1/2 (1130.3)	45 1/8 (1146.2)	56 (1422.4)	56 (1422.4)	56 7/8 (1444.6)
14 (350)	40 1/2 (1028.7)	40 1/2 (1028.7)	40 7/8 (1038.2)	49 1/2 (1257.3)	49 1/2 (1257.3)	50 1/4 (1276.4)	—	—	—
16 (400)	44 1/2 (1130.3)	44 1/2 (1130.3)	44 7/8 (1139.8)	54 1/2 (1384.3)	54 1/2 (1384.3)	55 3/8 (1406.5)	—	—	—
18 (450)	48 (1219.2)	48 (1219.2)	48 1/2 (1231.9)	—	—	—	—	—	—
20 (500)	52 (1320.8)	52 (1320.8)	52 1/2 (1333.5)	—	—	—	—	—	—
22 (550)	—	—	—	—	—	—	—	—	—
24 (600)	61 (1549.4)	61 (1549.4)	61 3/4 (1568.5)	—	—	—	—	—	—

GATE VALVES

Valve Size	CLASS 150			CLASS 300			CLASS 600		
	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove	Raised Face	Welding End	Ring and Groove
	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
2 (50)	7 (177.8)	8 1/2 (215.9)	7 1/2 (190.5)	8 1/2 (215.9)	8 1/2 (215.9)	9 1/8 (231.8)	11 1/2 (292.1)	11 1/2 (292.1)	11 5/8 (295.3)
2 1/2 (65)	7 1/2 (190.5)	9 1/2 (241.3)	8 (203.2)	9 1/2 (241.3)	9 1/2 (241.3)	10 1/8 (257.2)	13 (330.2)	13 (330.2)	13 1/8 (333.4)
3 (80)	8 (203.2)	11 1/8 (282.6)	8 1/2 (215.9)	11 1/8 (282.6)	11 1/8 (282.6)	11 3/4 (298.5)	14 (355.6)	14 (355.6)	14 1/8 (358.8)
4 (100)	9 (228.6)	12 (304.8)	9 1/2 (241.3)	12 (304.8)	12 (304.8)	12 5/8 (320.7)	17 (431.8)	17 (431.8)	17 1/8 (435.0)
6 (150)	10 1/2 (266.7)	15 7/8 (403.2)	11 (279.4)	15 7/8 (403.2)	15 7/8 (403.2)	16 1/2 (419.1)	22 (558.8)	22 (558.8)	22 1/8 (562.0)
8 (200)	11 1/2 (292.1)	16 1/2 (419.1)	12 (304.8)	16 1/2 (419.1)	16 1/2 (419.1)	17 1/8 (435.0)	26 (660.4)	26 (660.4)	26 1/8 (663.6)
10 (250)	13 (330.2)	18 (457.2)	13 1/2 (342.9)	18 (457.2)	18 (457.2)	18 5/8 (473.1)	31 (787.4)	31 (787.4)	31 1/8 (790.6)
12 (300)	14 (355.6)	19 3/4 (501.7)	14 1/2 (368.3)	19 3/4 (501.7)	19 3/4 (501.7)	20 3/8 (517.5)	33 (838.2)	33 (838.2)	33 1/8 (841.4)
14 (350)	15 (381.0)	22 1/2 (571.5)	15 1/2 (393.7)	30 (762.0)	30 (762.0)	30 5/8 (777.9)	35 (889.0)	35 (889.0)	35 1/8 (892.2)
16 (400)	16 (406.4)	24 (609.6)	16 1/2 (419.1)	33 (838.2)	33 (838.2)	33 5/8 (854.1)	39 (990.6)	39 (990.6)	39 1/8 (993.8)
18 (450)	17 (431.8)	26 (660.4)	17 1/2 (444.5)	36 (914.4)	36 (914.4)	36 5/8 (930.3)	43 (1092.2)	43 (1092.2)	43 1/8 (1095.4)
20 (500)	18 (457.2)	28 (711.2)	18 1/2 (469.9)	39 (990.6)	39 (990.6)	39 3/4 (1009.7)	47 (1193.8)	47 (1193.8)	47 1/4 (1200.2)
22 (550)	—	—	—	43 (1092.2)	43 (1092.2)	43 7/8 (1114.4)	51 (1295.4)	51 (1295.4)	51 3/8 (1304.9)
24 (600)	20 (508.0)	32 (812.8)	20 1/2 (520.7)	45 (1143.0)	45 (1143.0)	45 7/8 (1165.2)	55 (1397.0)	55 (1397.0)	55 3/8 (1406.5)
26 (650)	22 (558.8)	34 (863.6)	—	49 (1244.6)	49 (1244.6)	50 (1270.0)	57 (1447.8)	57 (1447.8)	57 1/2 (1460.5)
28 (700)	24 (609.6)	36 (914.4)	—	53 (1346.2)	53 (1346.2)	54 (1371.6)	61 (1549.4)	61 (1549.4)	61 1/2 (1562.1)
30 (750)	24 (609.6)	36 (914.4)	—	55 (1397.0)	55 (1397.0)	56 (1422.4)	65 (1651.0)	65 (1651.0)	65 1/2 (1663.7)
32 (800)	—	—	—	—	—	—	—	—	—
34 (850)	—	—	—	—	—	—	—	—	—
36 (900)	28 (711.2)	40 (1016.0)	—	—	—	—	—	—	—

GATE VALVES

Valve Size	CLASS 900						CLASS 1500						CLASS 2500					
	Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove	
Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
2	(50)	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	17 3/4 (450.9)	17 3/4 (450.9)	17 7/8 (454.0)					
2 1/2	(65)	15 (381.0)	15 (381.0)	15 (381.0)	15 1/8 (384.2)	16 1/2 (419.1)	16 1/2 (419.1)	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	20 (508.0)	20 (508.0)	20 1/4 (514.4)					
3	(80)	16 1/2 (419.1)	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	18 1/2 (469.9)	18 1/2 (469.9)	18 1/2 (469.9)	18 1/2 (469.9)	18 5/8 (473.1)	22 3/4 (577.9)	22 3/4 (577.9)	23 (584.2)					
4	(100)	18 (457.2)	18 (457.2)	18 (457.2)	18 1/8 (460.4)	21 1/2 (546.1)	21 1/2 (546.1)	21 1/2 (546.1)	21 1/2 (546.1)	21 5/8 (549.3)	26 1/2 (673.1)	26 1/2 (673.1)	26 7/8 (682.6)					
6	(150)	24 (609.6)	24 (609.6)	24 (609.6)	24 1/8 (612.8)	27 3/4 (704.9)	27 3/4 (704.9)	27 3/4 (704.9)	27 3/4 (704.9)	28 (711.2)	36 (914.4)	36 (914.4)	36 1/2 (927.1)					
8	(200)	29 (736.6)	29 (736.6)	29 (736.6)	29 1/8 (739.8)	32 3/4 (831.9)	32 3/4 (831.9)	32 3/4 (831.9)	32 3/4 (831.9)	33 1/8 (841.4)	40 1/4 (1022.4)	40 1/4 (1022.4)	40 7/8 (1038.2)					
10	(250)	33 (838.2)	33 (838.2)	33 (838.2)	33 1/8 (841.4)	39 (990.6)	39 (990.6)	39 (990.6)	39 (990.6)	39 3/8 (1000.1)	50 (1270.0)	50 (1270.0)	50 7/8 (1292.2)					
12	(300)	38 (965.2)	38 (965.2)	38 1/8 (968.4)	38 1/8 (968.4)	44 1/2 (1130.3)	44 1/2 (1130.3)	44 1/2 (1130.3)	44 1/2 (1130.3)	45 1/8 (1146.2)	56 (1422.4)	56 (1422.4)	56 7/8 (1444.6)					
14	(350)	40 1/2 (1028.7)	40 1/2 (1028.7)	40 7/8 (1038.2)	40 7/8 (1038.2)	49 1/2 (1257.3)	49 1/2 (1257.3)	49 1/2 (1257.3)	49 1/2 (1257.3)	50 1/4 (1276.4)	—	—	—					
16	(400)	44 1/2 (1130.3)	44 1/2 (1130.3)	44 7/8 (1139.8)	44 7/8 (1139.8)	54 1/2 (1384.3)	54 1/2 (1384.3)	54 1/2 (1384.3)	54 1/2 (1384.3)	55 3/8 (1406.5)	—	—	—					
18	(450)	48 (1219.2)	48 (1219.2)	48 1/2 (1231.9)	48 1/2 (1231.9)	60 1/2 (1536.7)	60 1/2 (1536.7)	60 1/2 (1536.7)	60 1/2 (1536.7)	61 3/8 (1558.9)	—	—	—					
20	(500)	52 (1320.8)	52 (1320.8)	52 1/2 (1333.5)	52 1/2 (1333.5)	65 1/2 (1663.7)	65 1/2 (1663.7)	65 1/2 (1663.7)	65 1/2 (1663.7)	66 3/8 (1685.0)	—	—	—					
22	(550)	—	—	—	—	—	—	—	—	—	—	—	—					
24	(600)	61 (1549.4)	61 (1549.4)	61 3/4 (1568.5)	61 3/4 (1568.5)	76 1/2 (1943.1)	76 1/2 (1943.1)	76 1/2 (1943.1)	76 1/2 (1943.1)	77 5/8 (1971.7)	—	—	—					

GLOBE VALVES

Valve Size	RAISED FACE													
	Class 150		Class 300		Class 400		Class 600		Class 900		Class 1500		Class 2500	
Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
2	(50)	8 (203)	10 1/2 (267)	—	—	11 1/2 (292)	14 1/2 (369)	14 1/2 (368)	17 3/4 (451)					
2 1/2	(65)	8 1/2 (216)	11 1/2 (292)	—	—	13 (330)	16 1/2 (419)	16 1/2 (419)	20 (508)					
3	(80)	9 1/2 (241)	12 1/2 (318)	—	—	14 (356)	15 (381)	18 1/2 (470)	22 3/4 (578)					
4	(100)	11 1/2 (292)	14 (356)	—	—	17 (432)	18 (457)	21 1/2 (546)	26 1/2 (673)					
6	(150)	16 (406)	17 1/2 (444)	19 (485)	22 (559)	24 (610)	27 3/4 (705)	36 (914)						
8	(200)	19 1/2 (495)	22 (559)	—	—	26 (660)	29 (737)	32 3/4 (832)	—					
10	(250)	24 1/2 (622)	24 1/2 (622)	—	—	31 (787)	33 (838)	—	—					
12	(300)	27 1/2 (698)	28 (711)	26 (660)	33 (838)	38 (965)	—	—	—					
14	(350)	31 (787)	—	—	—	—	—	—	—					
16	(400)	36 (914)	—	—	—	—	—	—	—					
18	(450)	38 1/2 (978)	—	—	—	—	—	—	—					

KNIFE GATE, GATE, BUTTERFLY & DIAPHRAGM VALVES

Inches (mm)	Diaphragm (BS 5156)	Butterfly (ISO 5752-Short)	Knife Gate	Gate (BS 5150/ AS 3579*)
	1/2 (15)	108	—	—
3/4 (20)	117	—	—	117
1 (25)	127	—	—	127
1 1/4 (32)	146	—	—	140
1 1/2 (40)	159	33	—	165
2 (50)	190	43	48	178*
2 1/2 (65)	216	46	48	190*
3 (80)	254	46	51	203*
4 (100)	305	52	51	229*
5 (125)	356	56	57	254*
6 (150)	406	56	57	267*
8 (200)	521	60	70	292*
10 (250)	635	68	70	330*
12 (300)	749	78	76	356*
14 (350)	749	78	76	381
16 (400)	—	102	89	406
18 (450)	—	114	89	432
20 (500)	—	127	114	457
22 (550)	—	154	—	—
24 (600)	—	154	114	508

SWING CHECK VALVES

Valve Size	CLASS 150						CLASS 300						CLASS 600					
	Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove	
Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
2	(50)	8 (203.2)	8 (203.2)	8 1/2 (215.9)	8 1/2 (215.9)	10 1/2 (266.7)	10 1/2 (266.7)	11 1/8 (282.6)	11 1/2 (292.1)	11 1/2 (292.1)	11 5/8 (295.3)	11 1/2 (292.1)	11 1/2 (292.1)	11 5/8 (295.3)				
2 1/2	(65)	8 1/2 (215.9)	8 1/2 (215.9)	9 (228.6)	9 (228.6)	11 1/2 (292.1)	11 1/2 (292.1)	12 1/8 (308.0)	13 (330.2)	13 (330.2)	13 1/8 (333.4)	13 (330.2)	13 (330.2)	13 1/8 (333.4)				
3	(80)	9 1/2 (241.3)	9 1/2 (241.3)	10 (254.0)	10 (254.0)	12 1/2 (317.5)	12 1/2 (317.5)	13 1/8 (333.4)	14 (356.6)	14 (356.6)	14 1/8 (358.8)	14 (356.6)	14 (356.6)	14 1/8 (358.8)				
4	(100)	11 1/2 (292.1)	11 1/2 (292.1)	12 (304.8)	12 (304.8)	14 (356.6)	14 (356.6)	14 5/8 (371.5)	17 (431.8)	17 (431.8)	17 1/8 (435.0)	17 (431.8)	17 (431.8)	17 1/8 (435.0)				
6	(150)	14 (356.6)	14 (356.6)	14 1/2 (368.3)	14 1/2 (368.3)	17 1/2 (444.5)	17 1/2 (444.5)	18 1/8 (460.4)	22 (558.8)	22 (558.8)	22 1/8 (562.0)	22 (558.8)	22 (558.8)	22 1/8 (562.0)				
8	(200)	19 1/2 (495.3)	19 1/2 (495.3)	20 (508.0)	20 (508.0)	21 (533.4)	21 (533.4)	21 5/8 (549.3)	26 (660.4)	26 (660.4)	26 1/8 (663.6)	26 (660.4)	26 (660.4)	26 1/8 (663.6)				
10	(250)	24 1/2 (622.3)	24 1/2 (622.3)	25 (635.0)	24 1/2 (622.3)	24 1/2 (622.3)	24 1/2 (622.3)	25 1/8 (638.2)	31 (787.4)	31 (787.4)	31 1/8 (790.6)	31 (787.4)	31 (787.4)	31 1/8 (790.6)				
12	(300)	27 1/2 (698.5)	27 1/2 (698.5)	28 (711.2)	28 (711.2)	28 (711.2)	28 (711.2)	28 5/8 (727.1)	33 (838.2)	33 (838.2)	33 1/8 (841.4)	33 (838.2)	33 (838.2)	33 1/8 (841.4)				
14	(350)	31 (787.4)	31 (787.4)	31 1/2 (800.1)	31 1/2 (800.1)	33 (838.2)	33 (838.2)	33 5/8 (854.1)	35 (889.0)	35 (889.0)	35 1/8 (892.2)	35 (889.0)	35 (889.0)	35 1/8 (892.2)				
16	(400)	34 (863.6)	34 (863.6)	34 1/2 (876.3)	34 (863.6)	34 (863.6)	34 (863.6)	34 5/8 (879.5)	39 (990.6)	39 (990.6)	39 1/8 (993.8)	39 (990.6)	39 (990.6)	39 1/8 (993.8)				
18	(450)	38 1/2 (977.9)	38 1/2 (977.9)	39 (990.6)	38 1/2 (977.9)	38 1/2 (977.9)	38 1/2 (977.9)	39 1/8 (993.8)	43 (1092.2)	43 (1092.2)	43 1/8 (1095.4)	43 (1092.2)	43 (1092.2)	43 1/8 (1095.4)				
20	(500)	38 1/2 (977.9)	38 1/2 (977.9)	39 (990.6)	40 (1016.0)	40 (1016.0)	40 (1016.0)	40 3/4 (1035.1)	47 (1193.8)	47 (1193.8)	47 1/4 (1200.2)	47 (1193.8)	47 (1193.8)	47 1/4 (1200.2)				
22	(550)	42 (1066.8)	42 (1066.8)	42 1/2 (1079.5)	44 (1117.6)	44 (1117.6)	44 (1117.6)	44 7/8 (1139.8)	51 (1295.4)	51 (1295.4)	51 3/8 (1304.9)	51 (1295.4)	51 (1295.4)	51 3/8 (1304.9)				
24	(600)	51 (1295.4)	51 (1295.4)	51 1/2 (1308.1)	53 (1346.2)	53 (1346.2)	53 (1346.2)	53 7/8 (1368.4)	55 (1397.0)	55 (1397.0)	55 3/8 (1406.5)	55 (1397.0)	55 (1397.0)	55 3/8 (1406.5)				
26	(650)	51 (1295.4)	51 (1295.4)	—	53 (1346.2)	53 (1346.2)	54 (1371.6)	54 (1371.6)	57 (1447.8)	57 (1447.8)	57 1/2 (1460.5)	57 (1447.8)	57 (1447.8)	57 1/2 (1460.5)				
28	(700)	57 (1447.8)	57 (1447.8)	—	59 (1498.6)	59 (1498.6)	60 (1524.0)	60 (1524.0)	63 (1600.2)	63 (1600.2)	63 1/2 (1612.9)	63 (1600.2)	63 (1600.2)	63 1/2 (1612.9)				
30	(750)	60 (1524.0)	60 (1524.0)	—	62 3/4 (1593.9)	62 3/4 (1593.9)	63 3/4 (1619.3)	63 3/4 (1619.3)	65 (1651.0)	65 (1651.0)	65 1/2 (1663.7)	65 (1651.0)	65 (1651.0)	65 1/2 (1663.7)				
36	(900)	77 (1955.8)	77 (1955.8)	—	82 (2082.8)	82 (2082.8)	—	—	82 (2082.8)	82 (2082.8)	—	82 (2082.8)	82 (2082.8)	—				

SWING CHECK VALVES

Valve Size	CLASS 900						CLASS 1500						CLASS 2500					
	Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove		Raised Face		Welding End		Ring and Groove	
Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
2	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 1/2 (368.3)	14 5/8 (371.5)	17 3/4 (450.9)	17 3/4 (450.9)	17 7/8 (454.0)						
2 1/2	15 (381.0)	15 (381.0)	15 (381.0)	15 1/8 (384.2)	16 1/2 (419.1)	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	20 (508.0)	20 (508.0)	20 1/4 (514.4)							
3	16 1/2 (419.1)	16 1/2 (419.1)	16 5/8 (422.3)	18 1/2 (469.9)	18 1/2 (469.9)	18 5/8 (473.1)	22 3/4 (577.9)	22 3/4 (577.9)	23 (584.2)									
4	18 (457.2)	18 (457.2)	18 1/8 (460.4)	21 1/2 (546.1)	21 1/2 (546.1)	21 5/8 (549.3)	26 1/2 (673.1)	26 1/2 (673.1)	26 7/8 (682.6)									
6	24 (609.6)	24 (609.6)	24 1/8 (612.8)	27 3/4 (704.9)	27 3/4 (704.9)	28 (711.2)	36 (914.4)	36 (914.4)	36 1/2 (927.1)									
8	29 (736.6)	29 (736.6)	29 1/8 (739.8)	32 3/4 (831.9)	32 3/4 (831.9)	33 1/8 (841.4)	40 1/4 (1022.4)	40 1/4 (1022.4)	40 7/8 (1038.2)									
10	33 (838.2)	33 (838.2)	33 1/8 (841.4)	39 (990.6)	39 (990.6)	39 3/8 (1000.1)	50 (1270.0)	50 (1270.0)	50 7/8 (1292.2)									
12	38 (965.2)	38 (965.2)	38 1/8 (968.4)	44 1/2 (1130.3)	44 1/2 (1130.3)	45 1/8 (1146.2)	56 (1422.4)	56 (1422.4)	56 7/8 (1444.6)									
14	40 1/2 (1028.7)	40 1/2 (1028.7)	40 7/8 (1038.2)	49 1/2 (1257.3)	49 1/2 (1257.3)	50 1/4 (1276.4)	—	—	—									
16	44 1/2 (1130.3)	44 1/2 (1130.3)	44 7/8 (1139.8)	54 1/2 (1384.3)	54 1/2 (1384.3)	55 3/8 (1406.5)	—	—	—									
18	48 (1219.2)	48 (1219.2)	48 1/2 (1231.9)	60 1/2 (1536.7)	60 1/2 (1536.7)	61 3/8 (1558.9)	—	—	—									
20	52 (1320.8)	52 (1320.8)	52 1/2 (1333.5)	65 1/2 (1663.7)	65 1/2 (1663.7)	66 3/8 (1685.0)	—	—	—									
24	61 (1549.4)	61 (1549.4)	61 3/4 (1568.5)	76 1/2 (1943.1)	76 1/2 (1943.1)	77 5/8 (1971.7)	—	—	—									

WAFFER CHECK VALVES (SHORT PATTERN)

Valve Size	Class 150		Class 300		Class 600		Class 900		Class 1500	
	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)
2	(50)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)
2 1/2	(65)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)
3	(80)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
4	(100)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	1 1/4 (31.8)	1 1/4 (31.8)	1 1/4 (31.8)
6	(150)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	1 1/8 (28.6)	1 3/8 (34.9)	1 3/8 (34.9)	1 3/4 (44.5)	1 3/4 (44.5)	1 3/4 (44.5)
8	(200)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/2 (38.1)	1 3/4 (44.5)	1 3/4 (44.5)	2 1/4 (57.2)	2 1/4 (57.2)	2 1/4 (57.2)
10	(250)	1 1/8 (28.6)	1 1/2 (38.1)	1 1/2 (38.1)	2 1/4 (57.2)	2 1/4 (57.2)	2 1/4 (57.2)	2 7/8 (73.1)	2 7/8 (73.1)	2 7/8 (73.1)
12	(300)	1 1/2 (38.1)	2 (50.8)	2 (50.8)	2 3/8 (60.3)	—	—	—	—	—
14	(350)	1 3/4 (44.5)	2 (50.8)	2 (50.8)	2 5/8 (66.7)	—	—	—	—	—
16	(400)	2 (50.8)	2 (50.8)	2 (50.8)	2 7/8 (73.0)	—	—	—	—	—
18	(450)	2 3/8 (60.3)	3 (76.2)	3 (76.2)	3 1/4 (82.6)	—	—	—	—	—
20	(500)	2 1/2 (63.5)	3 1/4 (82.6)	3 1/4 (82.6)	3 5/8 (92.1)	—	—	—	—	—