



BUTTERFLY VALVES DIMENSIONS -EN 558

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		EUROPEAN UNION/ BRITISH													
		EN 558:2024													
		GENERAL MECHANICAL EQUIPMENT													
NPS [mm]	NPS [in]	SERIES 108 EN558:2017	SERIES 109	SERIES 110	SERIES 16	SERIES 20	SERIES 25	SERIES 53 EN558:2017	SERIES 13	SERIES 16	SERIES 20	SERIES 25	SERIES 16	SERIES 25	SERIES 14
		BS 5155 MEDIUM*			ISO 5752 LONG SERIES	ISO 5752 SHORT SERIES	ISO 5752 MEDIUM SERIES		ISO 5752 SHORT SERIES	ISO 5752 LONG SERIES	ISO 5752 SHORT SERIES	ISO 5752 MEDIUM SERIES	ISO 5752 LONG SERIES	ISO 5752 MEDIUM SERIES*	ISO 5752 LONG SERIES
		ASME B16.10			JIS B 2002 SERIES 48	JIS B 2002 SERIES 46	JIS B 2002 SERIES 47		DIN 3202-1:1984	JIS B 2002 SERIES 46	JIS B 2002 SERIES 47	JIS B 2002 SERIES 48	JIS B 2002 SERIES 49	JIS B 2002 SERIES 47	JIS B 2002 SERIES 48
		API 609 TABLE 2 LUG AND WAFER CLASS 150	API 609 TABLE 2 LUG AND WAFER CLASS 300	API 609 TABLE 2 LUG AND WAFER CLASS 600	BS/EN 558 BS2080 TABLE 1 SERIES 16	API 609 CATEGORY A	ASME B16.10 WIDE		API 609 CATEGORY B CLASS 150	BS/EN 558 BS2080 TABLE 1 SERIES 16	API 609 CATEGORY A	ASME B16.10 WIDE	BS/EN 558 BS2080 TABLE 1 SERIES 16	ASME B16.10 WIDE	API 609 CATEGORY B CLASS 600
		MSS SP-68			BS 5155 LONG SERIES	ASME B16.10 COLUMN 3 AND 4	BS/EN 558 BS2080 TABLE 1 SERIES 64	NF E 29-305-2	BS 5155 SHORT SERIES BS2080 TAB. 1, SER. 13	BS 5155 LONG SERIES	ASME B16.10 COLUMN 3 AND 4	BS/EN 558 BS2080 TABLE 1 SERIES 64	BS 5155 LONG SERIES	BS/EN 558 BS2080 TABLE 1 SERIES 64	BS 5155 LONG SERIES*
		WAFER TYPE							FLANGED END						
		CLASS 125/150	CLASS 300	CLASS 600	CLASS 125*300 PN10/PN40	CLASS 125/150 PN2.5 ~ PN40	CLASS 125-300 PN2.5 ~ PN40	PN2.5 ~ PN10	CLASS 125/150 PN2.5 ~ PN40	CLASS 125/150			CLASS 250/300	CLASS 125 ~ 600 PN2.5 ~ PN40	
10	3/8														
15	1/2														
20	3/4														
25	1														
32	1 1/4														
40	1 1/2														
50	2														
65	2 1/2														
80	3	48 ± 2	48 ± 2	54 ± 2	64 ± 2	64 ± 2	49 ± 2	44 ± 2	114 ± 2	64 ± 2	46 ± 2	49 ± 2	64 ± 2	49 ± 2	180 ± 2
100	4	54 ± 2	54 ± 2	64 ± 2	64 ± 2	64 ± 2	52 ± 2	46 ± 2	127 ± 2	64 ± 2	46 ± 2	56 ± 2	64 ± 2	56 ± 2	190 ± 2
125	5														
150	6	57 ± 2	59 ± 2	78 ± 2	76 ± 2	76 ± 2	56 ± 2	70 ± 2	140 ± 2	76 ± 2	56 ± 2	70 ± 2	76 ± 2	70 ± 2	210 ± 2
175	7														
200	8	64 ± 2	73 ± 2	102 ± 2	89 ± 2	60 ± 2	71 ± 2	60 ± 2	152 ± 2	89 ± 2	60 ± 2	71 ± 2	89 ± 2	71 ± 2	230 ± 2
250	10	71 ± 2	83 ± 2	117 ± 2	114 ± 2	68 ± 2	76 ± 2	65 ± 2	165 ± 2	114 ± 2	68 ± 2	76 ± 2	114 ± 2	76 ± 2	250 ± 2
300	12	81 ± 3	92 ± 3	140 ± 3	114 ± 3	78 ± 3	83 ± 3	73 ± 3	178 ± 3	114 ± 3	78 ± 3	83 ± 3	114 ± 3	83 ± 3	270 ± 3
350	14	92 ± 3	117 ± 3	155 ± 3	127 ± 3	78 ± 3	92 ± 3	80 ± 3	199 ± 3	127 ± 3	78 ± 3	92 ± 3	127 ± 3	92 ± 3	290 ± 3
400	16	102 ± 3	133 ± 3	178 ± 3	140 ± 3	102 ± 3	102 ± 3	95 ± 3	216 ± 3	140 ± 3	102 ± 3	140 ± 3	102 ± 3	102 ± 3	310 ± 3
450	18	114 ± 3	149 ± 3	200 ± 3	152 ± 3	114 ± 3	114 ± 3	107 ± 3	232 ± 3	152 ± 3	114 ± 3	152 ± 3	114 ± 3	114 ± 3	330 ± 3
500	20	127 ± 3	159 ± 3	216 ± 3	152 ± 3	127 ± 3	127 ± 3	120 ± 3	259 ± 3	152 ± 3	127 ± 3	127 ± 3	152 ± 3	127 ± 3	350 ± 3
550	22														
600	24	154 ± 4	181 ± 4	232 ± 4	178 ± 4	154 ± 4	154 ± 4	144 ± 4	267 ± 4	178 ± 4	154 ± 4	154 ± 4	178 ± 4	154 ± 4	390 ± 4
650	26														
700	28														
750	30														
800	32														
850	34														
900	36														
950	38														
1000	40														
1050	42														
1100	44														
1200	48														
1250	50														
1350	54														
1400	56														
1500	60														
1600	64														
1650	66														
1800	72														
2000	80														
2100	84														
2200	88														
2400	96														
2600	104														
2800	112														
3000	120														
3200	128														
3400	136														
3600	144														
3800	152														
4000	160														

BLUE LETTERS INDICATE MIRRORED VALUES

RED ITALIC LETTERS INDICATE HISTORICAL ORIGIN

REFERENCED STANDARDS

API 609 BUTTERFLY VALVES: DOUBLE-FLANGED, LUG- AND WAFER-TYPE, AND BUTT-WELDING ENDS

ASME 16.10 FACE-TO-FACE AND END-TO-END DIMENSIONS OF VALVES

MSS SP-67 BUTTERFLY VALVES

MSS SP-68 HIGH PRESSURE BUTTERFLY VALVES WITH OFFSET DESIGN

EN 558 INDUSTRIAL VALVES - FACE-TO-FACE AND CENTER-TO-FACE DIMENSIONS OF METAL VALVES FOR USE IN FLANGED PIP SYSTEMS - PN AND CLASS DESIGNATED VALVES

ISO 5752 METAL VALVES FOR USE IN FLANGED PIPE SYSTEMS - FACE-TO-FACE AND CENTER-TO-FACE DIMENSIONS

AWWA C504 RUBBER-SEATED BUTTERFLY VALVES, 3in. (75mm) THROUGH 72in. (1,800 mm)

BS 3202 FACE-TO-FACE AND CENTRE-TO-CENTRE DIMENSIONS - FLANGED VALVES

BS 5155 SPECIFICATION FOR BUTTERFLY VALVES

▲ China Famous Valve Manufacture

▲ Make Pipeline Flow Control Safer and Smarter

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Ball Valve

- Full-ported Ball Valve
- Flaring Ball Valve
- Top Entry Ball Valve
- Mini-ported Ball Valve
- Healing System Ball Valve
- V-Type Ball Valve
- Anti-Absorption Ball Valve
- Quick-Type Ball Valve
- Light-Ball Valves
- Open-end Ball Valve
- Cryogenic Ball Valve

Butterfly Valve

- Triple-Eccentric Metal Seat Butterfly Valve
- Triple-Offset Laminated Seat Butterfly Valve
- High Performance Butterfly Valve
- Double-Eccentric Rubber Seat Butterfly Valve
- Full-Lining Butterfly Valve
- Half-Lining Butterfly Valve
- PTFE Lining Butterfly Valve
- Cryogenic Butterfly Valve

Gate Valve

- Wedge Gate Valve
- Stainless Steel Gate Valve API 603
- Through-Conduit Gate Valve
- Bottom Seal Gate Valve
- Flareless Stem Gate Valve
- Non-Rising Stem Gate Valve
- Rolls Gate Valve
- PTFE Lining Gate Valve
- Cryogenic Gate Valve

Globe Valve

- Boiled Boron Globe Valve
- Pressure Boron Globe Valve
- Stop Valve
- Angle Globe Valve
- Bottom Stem Valve
- Non-Rising Stem Gate Valve
- Cryogenic Globe Valve
- Cryogenic Globe Valve

Check Valve

- Lift Check Valve
- Swing Check Valve
- Vertical Lift Check Valve
- Dual Flap Check Valve
- PTFE Lining Check Valve
- Oxygen Swing Check Valve
- Awal Check Valve
- Silent Duty Non-Return Valve
- Ball Lift Check Valve
- Butterfly Lift Check Valve
- Hammer Check Valve
- Floting Check Valve

Forged Valve

- Forged Gate Valve
- Forged Globe Valve
- Forged Swing Check Valve
- Forged Lift Check Valve

Control Valve

- Single Seat Control Valve
- Double Seat Control Valve

Strainer

- T-Strainer
- I-Strainer
- Basket Strainer