



CHECK VALVES - WAFER CHECK VALVES



More lighter in weight and even compact than dual plate check valves, Wafer Check Valves are typically employed for low pressure applications in oil & gas, petrochemical, chemical, power and other process industries. A single circular body and circular disc hinged to body with bolts / welded. Very ideal solution for applications where space constraints and weight constraints are critical. Can be used in vertical & horizontal orientations.



DIMENSIONS								
Size		P	L	D				
DN	Inch			PN10	PN16	BS10D	BS10E	ANSI 150#
25	1"	14	16	72	72	69	69	64
40	1.5"	22	19	93	93	86	86	83
50	2"	30	19	108	108	97	97	102
65	2.5"	40	19	128	128	110	110	121
80	3"	52	19	143	143	129	129	134
100	4"	71	19	163	163	161	161	172
125	5"	93	19	193	193	193	193	194
150	6"	114	19	219	219	218	215	220
200	8"	157	28.5	274	274	274	272	277
250	10"	195	28.5	329	329	335	335	337
300	12"	230	38	379	385	385	383	407
350	14"	270	44.5	438	444	446	446	448
400	16"	310	51	489	496	496	496	512
450	18"	360	60.5	538	555	559	559	545
500	20"	406	63.5	593	616	616	616	602
600	24"	490	70	695	733	727	724	714

(Code-SV)

DESIGN STANDARD	
Check Valve	ASME B16.34 & API 6D
Face to Face / End to End Dimensions	API6D, ASME B16.34
Valve inspection & testing	API598
Pressure - Temperature rating	ASME B16.34

TEST / INSPECTION	METHOD	ACCEPTANCE CRITERIA
Visual Inspection		MSS SP-55
Marking		MSS SP-25 & ISO5208
Dimensional Inspection		Applicable valve
Chemical Analysis	ASTM E350	Applicable Standard
Mechanical Properties	ASTM A370	Applicable Standard
Liquid Penetrant Inspection	ASTM A165	ASME B16.34
Magnetic Particle Inspection	ASTM E709	ASME B16.34
Radiographic Inspection	ASME B16.34	ASME B16.34
Ultrasonic Inspection	ASTM A388	ASME B16.34
Pressure Testing	API 598	API 598

