

Wafer Check Valve Nominal Outer Diameters

VALVE SIZE		DN NPS	50 2	65 2-1/2	80 3	100 4	125 5	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20	600 24
Pressure Rating	PN6	mm	98	118	134	154	184	209	264	319	375	425	475	-	580	681
	PN10	mm	109	129	144	164	194	220	275	330	380	440	491	541	596	698
	PN16	mm	109	129	144	164	194	220	275	331	386	446	498	558	620	737
	PN25	mm	109	129	144	170	196	226	286	343	403	460	517	567	627	734
	PN40	mm	109	129	144	170	196	226	293	355	420	477	549	574	631	747
	Table D ¹	mm	98	111	130	162	194	217	275	335	386	445	496	560	617	726
	Table E ¹	mm	98	111	130	162	194	213	272	333	381	445	496	560	617	726
	Class 125	mm	105	124	137	175	197	222	279	339	409	451	514	549	606	718
	Class 150	mm	105	124	137	175	197	222	279	339	409	451	514	549	606	718
	Class 300	mm	111	130	149	181	216	251	308	362	422	486	540	597	654	775
	Class 600	mm	111	130	149	193	241	266	320	400	457	492	565	613	683	791
	Class 900	mm	143	165	168	206	247	289	359	435	498	521	575	638	699	838
	Class 1500	mm	143	165	174	209	254	282	352	435	520	578	641	705	756	902
	Class 2500	mm	146	168	197	235	279	317	387	476	549	-	-	-	-	-

Wafer Check Valve Nominal Face to Face Dimensions

VALVE SIZE		DN NPS	50 2	65 2-1/2	80 3	100 4	125 5	150 6	200 8	250 10	300 12	350 14	400 16	450 18	500 20	600 24
Pressure Rating	PN6	mm	60	67	73	73	-	98	127	146	181	184	191	203	219	222
	PN10	mm	60	67	73	73	-	98	127	146	181	184	191	203	219	222
	PN16	mm	60	67	73	73	-	98	127	146	181	184	191	203	219	222
	PN25	mm	60	67	73	73	-	98	127	146	181	222	232	264	292	218
	PN40	mm	60	67	73	73	-	98	127	146	181	222	232	264	292	318
	Table D ²	mm	43	46	57 / 64	64	70	76	89	108	114	127	140	152	152	178
	Table E ²	mm	43	46	57 / 64	64	70	76	89	108	114	127	140	152	152	178
	Class 125	mm	54	54	57	64	70	76	95	108	143	184	191	203	223	222
	Class 150	mm	60	67	73	73	-	98	127	146	181	184	191	203	219	222
	Class 300	mm	60	67	73	73	-	98	127	146	181	222	232	264	292	318
	Class 600	mm	60	67	73	79	-	136	165	213	229	273	305	362	368	438
	Class 900	mm	70	83	83	102	-	159	206	241	292	356	384	451	451	495
	Class 1500	mm	70	83	83	102	-	159	206	248	305	356	384	468	553	559
	Class 2500	mm	70	83	86	105	-	159	206	254	305	-	-	-	-	-

NOTES:

PN represents ISO 7005-1/2, EN 1092-1/2/3, BS 4504, and AS 4331.1 (AS 4087 PN16 is not the same. AS 2129 Table D/E multi-fits.)

ASME Class 150 to Class 2500 face to face dimensions shown are in compliance with API 594.

Values shown are nominal and subject to ASME B16.10 tolerances:

±2mm for valves DN250 (10") and smaller.

±3mm for valves DN300 (12") and larger.

¹AS 2129 Table E outer diameter shown will multi-fit AS 2129 Table D and AS 4087 PN14/PN16. This will also multi-fit BS 10D and BS 10E.

(BS dimensions may vary by 1mm due to imperial bolt sizes compared to AS metric bolt sizes).

²PN16 face to face dimensions could optionally be used for AS 2129 Table D/E dimensions.