

WAFER CHECK VALVE SIZE COMPARISON

Nominal Wafer Outer Diameters (mm)

Size		Pressure Rating													
NPS	DN	PN6	PN10	PN16	PN25	PN40	Tab D [†]	Tab E [†]	CL125	CL150	CL300	CL600	CL900	CL1500	CL2500
2	50	98	109	109	109	109	98	98	105	105	111	111	143	143	146
2 1/2	65	118	129	129	129	129	111	111	124	124	130	130	165	165	168
3	80	134	144	144	144	144	130	130	137	137	149	149	168	174	197
4	100	154	164	164	170	170	162	162	175	175	181	193	206	209	235
5	125	184	194	194	196	196	194	194	197	197	216	241	247	254	279
6	150	209	220	220	226	226	217	213	222	222	251	266	289	282	317
8	200	264	275	275	286	293	275	272	279	279	308	320	359	352	387
10	250	319	330	331	343	355	335	333	339	339	362	400	435	435	476
12	300	375	380	386	403	420	386	381	409	409	422	457	498	520	549
14	350	425	440	446	460	477	445	445	451	451	486	492	521	578	-
16	400	475	491	498	517	549	496	496	514	514	540	565	575	641	-
18	450	-	541	558	567	574	560	560	549	549	597	613	638	705	-
20	500	580	596	620	627	631	617	617	606	606	654	683	699	756	-
24	600	681	698	737	734	747	726	726	718	718	775	791	838	902	-

Nominal Wafer Face to Face (mm)

Size		Pressure Rating													
NPS	DN	PN6	PN10	PN16	PN25	PN40	Tab D ²	Tab E ²	CL125	CL150	CL300	CL600	CL900	CL1500	CL2500
2	50	60	60	60	60	60	43	43	54	60	60	60	70	70	70
2 1/2	65	67	67	67	67	67	46	46	54	67	67	67	83	83	83
3	80	73	73	73	73	73	64	64	57	73	73	73	83	83	86
4	100	73	73	73	73	73	64	64	64	73	73	79	102	102	105
5	125	-	-	-	-	-	70	70	70	-	-	-	-	-	-
6	150	98	98	98	98	98	76	76	76	98	98	136	159	159	159
8	200	127	127	127	127	127	89	89	95	127	127	165	206	206	206
10	250	146	146	146	146	146	108	108	108	146	146	213	241	248	254
12	300	181	181	181	181	181	114	114	143	181	181	229	292	305	305
14	350	184	184	184	222	222	127	127	184	184	222	273	356	356	-
16	400	191	191	191	232	232	140	140	191	191	232	305	384	384	-
18	450	203	203	203	264	264	152	152	203	203	264	362	451	468	-
20	500	219	219	219	292	292	152	152	223	219	292	368	451	553	-
24	600	222	222	222	218	318	178	178	222	222	318	438	495	559	-

Notes:

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

ASME Class 150 to 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.

² PN16 face to face optionally used for Table D/E.

[†] AS 2129 Table E OD shown, will multi fit AS 2129 Table D and AS 4087 PN14 & PN16. Will also multi fit BS Table D/E (BS 10D, BS 10E) (BS dimensions can vary by 1mm due to imperial bolt sizes versus AS metric bolt sizes).

Click [here](#) to view our flange slide rule comparison chart.