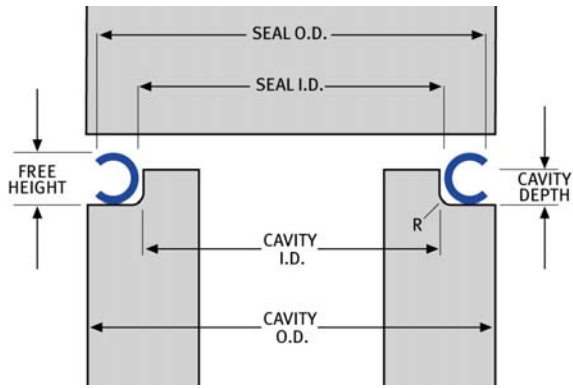


# CE SERIES – EXTERNAL PRESSURE FACE TYPE C-SEAL



WELD PERMITTED

PLATING MAY BE INCOMPLETE INSIDE C SECTION

SEAL DIAMETERS CAN BE OUT OF ROUND IN EXCESS OF TOLERANCES

SEE THE C-SEALS INTRODUCTION PAGES, FOR DETAILS OF SEAL FREE HEIGHT, CAVITY DEPTH AND RADIUS R

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .001 - .000	(min)	+ .000 - .002	(max)	+ .001 - .000	(min)	+ .000 - .002	-	-	-	-
CE 0002	.116	.244	.128	.233	-	-	-	-	-	-	-	-
CE 0532	.147	.275	.159	.264	-	-	-	-	-	-	-	-
CE 0003	.179	.307	.191	.296	.179	.366	.191	.351	-	-	-	-
CE 0732	.209	.338	.221	.327	.209	.397	.221	.381	-	-	-	-
CE 0004	.240	.369	.252	.358	.240	.428	.252	.412	-	-	-	-
CE 0932	.271	.400	.283	.389	.271	.459	.283	.443	-	-	-	-
CE 0005	.303	.432	.315	.421	.303	.491	.315	.475	-	-	-	-
CE 1132	.334	.463	.346	.452	.334	.522	.346	.506	-	-	-	-
CE 0006	.365	.494	.377	.483	.365	.553	.377	.537	-	-	-	-
CE 1332	.396	.525	.408	.514	.396	.584	.408	.568	-	-	-	-
CE 0007	.428	.557	.440	.546	.428	.616	.440	.600	-	-	-	-
CE 1532	.459	.588	.471	.577	.459	.647	.471	.631	-	-	-	-
CE 0008	.490	.619	.502	.608	.490	.678	.502	.662	-	-	-	-
CE 1732	.521	.650	.533	.639	.521	.709	.533	.693	-	-	-	-
CE 0009	.553	.682	.565	.671	.533	.741	.565	.725	-	-	-	-
CE 1932	.584	.713	.596	.702	.584	.772	.596	.756	-	-	-	-
CE 0010	.615	.744	.627	.733	.615	.803	.627	.787	-	-	-	-
CE 2132	.646	.775	.658	.764	.646	.834	.658	.818	-	-	-	-
CE 0011	.677	.807	.689	.796	.677	.866	.689	.849	-	-	-	-
CE 2332	.709	.838	.721	.827	.709	.897	.721	.881	-	-	-	-

SEAL DIMENSIONS ARE IN INCHES AND ARE PRIOR TO PLATING OR COATING

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .002	(min.)	+ .002 - .000	(max.)	+ .000 - .002	(min.)	+ .002 - .000	(max.)	+ .000 - .002	(min.)	+ .002 - .000	(max.)
CE 0012	.740	.869	.752	.858	.740	.928	.752	.912	.740	.987	.752	.953
CE 2532	.771	.900	.783	.889	.771	.959	.783	.943	.771	1.018	.783	.984
CE 0013	.803	.932	.815	.921	.803	.991	.815	.975	.803	1.050	.815	1.016
CE 2732	.834	.963	.846	.952	.834	1.022	.846	1.006	.834	1.081	.846	1.047
CE 0014	.865	.994	.877	.983	.865	1.053	.877	1.037	.865	1.112	.877	1.078
CE 2932	.896	1.025	.908	1.014	.896	1.084	.908	1.068	.896	1.143	.908	1.104
CE 0015	.928	1.057	.940	1.046	.928	1.116	.940	1.100	.928	1.175	.940	1.141
CE 3132	.959	1.088	.971	1.077	.959	1.147	.971	1.131	.959	1.206	.971	1.172
CE 0016	.990	1.119	1.002	1.108	.990	1.178	1.002	1.162	.990	1.237	1.002	1.203
CE 0017	1.053	1.182	1.065	1.171	1.053	1.241	1.065	1.225	1.053	1.300	1.065	1.266
CE 0018	1.115	1.244	1.127	1.233	1.115	1.303	1.127	1.287	1.115	1.362	1.127	1.328
CE 0019	1.179	1.307	1.191	1.296	1.179	1.366	1.191	1.351	1.179	1.426	1.191	1.392
CE 0020	1.240	1.369	1.252	1.358	1.240	1.428	1.252	1.412	1.240	1.487	1.252	1.453
CE 0021	1.303	1.432	1.315	1.421	1.303	1.491	1.315	1.475	1.303	1.550	1.315	1.516
CE 0022	1.365	1.494	1.377	1.483	1.365	1.553	1.377	1.537	1.365	1.612	1.377	1.578
CE 0023	1.428	1.557	1.440	1.546	1.428	1.616	1.440	1.600	1.428	1.675	1.440	1.641
CE 0024	1.490	1.619	1.502	1.608	1.490	1.678	1.502	1.662	1.490	1.737	1.502	1.703
CE 0025	1.553	1.682	1.565	1.671	1.553	1.741	1.565	1.725	1.553	1.800	1.565	1.766
CE 0026	1.615	1.744	1.627	1.733	1.615	1.803	1.627	1.787	1.615	1.862	1.627	1.828
CE 0027	1.678	1.807	1.690	1.796	1.678	1.866	1.690	1.850	1.678	1.925	1.690	1.891
CE 0028	1.740	1.869	1.752	1.858	1.740	1.928	1.752	1.912	1.740	1.987	1.752	1.953
CE 0029	1.803	1.932	1.815	1.921	1.803	1.991	1.815	1.975	1.803	2.050	1.815	2.016
	+ .000 - .003	(min.)	+ .003 - .000	(max.)	+ .000 - .003	(min.)	+ .003 - .000	(max.)	+ .000 - .003	(min.)	+ .003 - .000	(max.)
CE 0030	1.865	1.994	1.877	1.983	1.865	2.053	1.877	2.037	1.865	2.112	1.877	2.078
CE 0031	1.928	2.057	1.940	2.046	1.928	2.116	1.940	2.100	1.928	2.175	1.940	2.141
CE 0032	1.991	2.119	2.003	2.108	1.991	2.178	2.003	2.163	1.991	2.237	2.003	2.203
CE 0033	2.050	2.182	2.066	2.171	2.050	2.241	2.066	2.226	2.050	2.300	2.066	2.266
CE 0034	2.112	2.244	2.128	2.233	2.112	2.303	2.128	2.288	2.112	2.362	2.128	2.328
CE 0035	2.175	2.307	2.191	2.296	2.175	2.366	2.191	2.351	2.175	2.425	2.191	2.391
CE 0036	2.237	2.369	2.253	2.358	2.237	2.428	2.253	2.413	2.237	2.487	2.253	2.453

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .003	(min.)	+ .003 - .000	(max.)	+ .000 - .003	(min.)	+ .003 - .000	(max.)	+ .000 - .003	(min.)	+ .003 - .000	(max.)
CE 0037	2.299	2.432	2.315	2.421	2.299	2.491	2.315	2.476	2.299	2.550	2.315	2.515
CE 0038	2.362	2.494	2.378	2.483	2.362	2.553	2.378	2.538	2.362	2.612	2.378	2.578
CE 0039	2.425	2.557	2.441	2.546	2.425	2.616	2.441	2.601	2.425	2.675	2.441	2.641
CE 0040	2.487	2.619	2.503	2.608	2.487	2.678	2.503	2.663	2.487	2.737	2.503	2.703
CE 0041	2.550	2.682	2.566	2.671	2.550	2.741	2.566	2.726	2.550	2.800	2.566	2.766
CE 0042	2.612	2.744	2.628	2.733	2.612	2.803	2.628	2.788	2.612	2.862	2.628	2.828
CE 0043	2.675	2.807	2.691	2.796	2.675	2.866	2.691	2.851	2.675	2.925	2.691	2.891
CE 0044	2.737	2.869	2.753	2.858	2.737	2.928	2.753	2.913	2.737	2.987	2.753	2.953
CE 0045	2.800	2.932	2.816	2.921	2.800	2.991	2.816	2.976	2.800	3.050	2.816	3.016
CE 0046	2.862	2.994	2.878	2.983	2.862	3.053	2.878	3.038	2.862	3.112	2.878	3.078
CE 0047	2.925	3.057	2.941	3.046	2.925	3.116	2.941	3.101	2.925	3.175	2.941	3.141
CE 0048	2.987	3.119	3.003	3.108	2.987	3.178	3.003	3.163	2.987	3.237	3.003	3.203
	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min)	+ .004 - .000	(max)
CE 0049	3.050	3.182	3.066	3.171	3.050	3.241	3.066	3.226	3.050	3.300	3.066	3.266
CE 0050	3.112	3.244	3.128	3.233	3.112	3.303	3.128	3.288	3.112	3.362	3.128	3.328
CE 0051	3.175	3.307	3.191	3.296	3.175	3.366	3.191	3.351	3.175	3.425	3.191	3.391
CE 0052	3.237	3.369	3.253	3.358	3.237	3.428	3.253	3.413	3.237	3.487	3.253	3.453
CE 0053	3.300	3.432	3.316	3.421	3.300	3.491	3.316	3.476	3.300	3.550	3.316	3.516
CE 0054	3.362	3.494	3.378	3.483	3.362	3.553	3.378	3.538	3.362	3.612	3.378	3.578
CE 0055	3.425	3.557	3.441	3.546	3.425	3.616	3.441	3.601	3.425	3.675	3.441	3.641
CE 0056	3.487	3.619	3.503	3.608	3.487	3.678	3.503	3.663	3.487	3.737	3.503	3.703
Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min)	+ .004 - .000	(max)
CE 0057	3.550	3.800	3.566	3.766	3.550	3.919	3.566	3.867	-	-	-	-
CE 0058	3.612	3.862	3.628	3.828	3.612	3.981	3.628	3.929	-	-	-	-
CE 0059	3.675	3.925	3.691	3.891	3.675	4.044	3.691	3.992	-	-	-	-
CE 0060	3.737	3.987	3.753	3.953	3.737	4.106	3.753	4.054	-	-	-	-
CE 0061	3.800	4.050	3.816	4.016	3.800	4.169	3.816	4.117	-	-	-	-

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min.)	+ .004 - .000	(max.)	+ .000 - .004	(min.)	+ .004 - .000	(max.)
CE 0062	3.862	4.112	3.878	4.078	3.862	4.231	3.878	4.179	-	-	-	-
CE 0063	3.925	4.175	3.941	4.141	3.925	4.294	3.941	4.242	-	-	-	-
CE 0064	3.987	4.237	4.003	4.203	3.987	4.356	4.003	4.304	3.987	4.475	4.003	4.405
CE 0065	4.046	4.300	4.066	4.266	4.046	4.419	4.066	4.367	4.046	4.538	4.066	4.468
CE 0066	4.108	4.362	4.128	4.328	4.108	4.481	4.128	4.429	4.108	4.600	4.128	4.530
CE 0067	4.171	4.425	4.191	4.391	4.171	4.544	4.191	4.492	4.171	4.663	4.191	4.593
CE 0068	4.233	4.487	4.253	4.453	4.233	4.606	4.253	4.554	4.233	4.725	4.253	4.655
CE 0069	4.296	4.550	4.316	4.516	4.296	4.669	4.316	4.617	4.296	4.788	4.316	4.718
CE 0070	4.358	4.612	4.378	4.578	4.358	4.731	4.378	4.679	4.358	4.850	4.378	4.780
CE 0071	4.421	4.675	4.441	4.641	4.421	4.794	4.441	4.742	4.421	4.913	4.441	4.843
CE 0072	4.483	4.737	4.503	4.703	4.483	4.856	4.503	4.804	4.483	4.975	4.503	4.905
CE 0073	4.546	4.800	4.566	4.766	4.546	4.919	4.566	4.867	4.546	5.038	4.566	4.968
CE 0074	4.608	4.862	4.628	4.828	4.608	4.981	4.628	4.929	4.608	5.100	4.628	5.030
CE 0075	4.671	4.925	4.691	4.891	4.671	5.044	4.691	4.992	4.671	5.163	4.691	5.093
CE 0076	4.733	4.987	4.753	4.953	4.733	5.106	4.753	5.054	4.733	5.225	4.753	5.155
CE 0077	4.796	5.050	4.816	5.016	4.796	5.169	4.816	5.117	4.796	5.288	4.816	5.218
CE 0078	4.858	5.112	4.878	5.078	4.858	5.231	4.878	5.179	4.858	5.350	4.878	5.280
CE 0079	4.921	5.175	4.941	5.141	4.921	5.294	4.941	5.242	4.921	5.413	4.941	5.343
CE 0080	4.983	5.237	5.003	5.203	4.983	5.356	5.003	5.304	4.983	5.475	5.003	5.405
	+ .000 - .006	(min.)	+ .006 - .000	(max.)	+ .000 - .006	(min.)	+ .006 - .000	(max.)	+ .000 - .006	(min.)	+ .006 - .000	(max.)
CE 0081	5.046	5.300	5.066	5.266	5.046	5.419	5.066	5.367	5.046	5.538	5.066	5.468
CE 0082	5.108	5.362	5.128	5.328	5.108	5.481	5.128	5.429	5.108	5.600	5.128	5.530
CE 0083	5.171	5.425	5.191	5.391	5.171	5.544	5.191	5.492	5.171	5.663	5.191	5.593
CE 0084	5.233	5.487	5.253	5.453	5.233	5.606	5.253	5.554	5.233	5.725	5.253	5.655
CE 0085	5.296	5.550	5.316	5.516	5.296	5.669	5.316	5.617	5.296	5.788	5.316	5.718
CE 0086	5.358	5.612	5.378	5.578	5.358	5.731	5.378	5.679	5.358	5.850	5.378	5.780
CE 0087	5.421	5.675	5.441	5.641	5.421	5.794	5.441	5.742	5.421	5.913	5.441	5.843
CE 0088	5.483	5.737	5.503	5.703	5.483	5.856	5.503	5.804	5.483	5.975	5.503	5.905
CE 0089	5.546	5.800	5.566	5.766	5.546	5.919	5.566	5.867	5.546	6.038	5.566	5.968
CE 0090	5.608	5.862	5.628	5.828	5.608	5.981	5.628	5.929	5.608	6.100	5.628	6.030

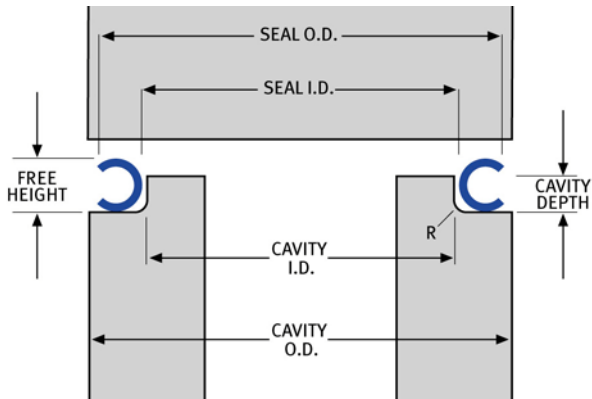
Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .006	(min.)	+ .006 - .000	(max.)	+ .000 - .006	(min.)	+ .006 - .000	(max.)	+ .000 - .006	(min.)	+ .006 - .000	(max.)
CE 0092	5.733	5.987	5.753	5.953	5.733	6.106	5.753	6.054	5.733	6.225	5.753	6.155
CE 0094	5.858	6.112	5.878	6.078	5.858	6.231	5.878	6.179	5.858	6.350	5.878	6.280
CE 0096	5.983	6.237	6.003	6.203	5.983	6.356	6.003	6.304	5.983	6.475	6.003	6.405
CE 0098	6.108	6.362	6.128	6.328	6.108	6.481	6.128	6.429	6.108	6.600	6.128	6.530
CE 0100	6.233	6.487	6.253	6.453	6.233	6.606	6.253	6.554	6.233	6.725	6.253	6.655
CE 0102	6.358	6.612	6.378	6.578	6.358	6.731	6.378	6.679	6.358	6.850	6.378	6.780
CE 0104	6.483	6.737	6.503	6.703	6.483	6.856	6.503	6.804	6.483	6.975	6.503	6.905
CE 0106	6.608	6.862	6.628	6.828	6.608	6.981	6.628	6.929	6.608	7.100	6.628	7.030
CE 0108	6.733	6.987	6.753	6.953	6.733	7.106	6.753	7.054	6.733	7.225	6.753	7.155
CE 0110	6.858	7.112	6.878	7.078	6.858	7.231	6.878	7.179	6.858	7.350	6.878	7.280
CE 0112	6.983	7.237	7.003	7.203	6.983	7.356	7.003	7.304	6.983	7.475	7.003	7.405
	+ .000 - .008	(min.)	+ .008 - .000	(max.)	+ .000 - .008	(min.)	+ .008 - .000	(max.)	+ .000 - .008	(min.)	+ .008 - .000	(max.)
CE 0114	7.108	7.362	7.128	7.328	7.108	7.481	7.128	7.429	7.108	7.600	7.128	7.530
CE 0016	7.233	7.487	7.253	7.453	7.233	7.606	7.253	7.554	7.233	7.725	7.253	7.655
CE 0118	7.358	7.612	7.378	7.578	7.358	7.731	7.378	7.679	7.358	7.850	7.378	7.780
CE 0120	7.483	7.737	7.503	7.703	7.483	7.856	7.503	7.804	7.483	7.975	7.503	7.905
CE 0122	7.608	7.862	7.628	7.828	7.608	7.981	7.628	7.929	7.608	8.100	7.628	8.030
CE 0124	7.733	7.987	7.753	7.953	7.733	8.106	7.753	8.054	7.733	8.225	7.753	8.155
CE 0126	7.858	8.112	7.878	8.078	7.858	8.231	7.878	8.179	7.858	8.350	7.878	8.280
CE 0128	7.983	8.237	8.003	8.203	7.983	8.356	8.003	8.304	7.983	8.475	8.003	8.405
CE 0130	8.108	8.362	8.128	8.328	8.108	8.481	8.128	8.429	8.108	8.600	8.128	8.530
CE 0132	8.233	8.487	8.253	8.453	8.233	8.606	8.253	8.554	8.233	8.725	8.253	8.655
CE 0134	8.358	8.612	8.378	8.578	8.358	8.731	8.378	8.679	8.358	8.850	8.378	8.780
CE 0136	8.483	8.737	8.503	8.703	8.483	8.856	8.503	8.804	8.483	8.975	8.503	8.905
CE 0138	8.608	8.862	8.628	8.828	8.608	8.981	8.628	8.929	8.608	9.100	8.628	9.030
CE 0140	8.733	8.987	8.753	8.953	8.733	9.106	8.753	9.054	8.733	9.225	8.753	9.155
CE 0142	8.858	9.112	8.878	9.078	8.858	9.231	8.878	9.179	8.858	9.350	8.878	9.280
CE 0144	8.983	9.237	9.003	9.203	8.983	9.356	9.003	9.304	8.983	9.475	9.003	9.405
CE 0146	9.108	9.362	9.128	9.328	9.108	9.481	9.128	9.429	9.108	9.600	9.128	9.530
CE 0148	9.233	9.487	9.253	9.453	9.233	9.606	9.253	9.554	9.233	9.725	9.253	9.655

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.008	(min.)	+0.008 -0.000	(max.)	+0.000 -0.008	(min.)	+0.008 -0.000	(max.)	+0.000 -0.008	(min.)	+0.008 -0.000	(max.)
CE 0150	9.358	9.612	9.378	9.578	9.358	9.731	9.378	9.679	9.358	9.850	9.378	9.780
CE 0152	9.483	9.737	9.503	9.703	9.483	9.856	9.503	9.804	9.483	9.975	9.503	9.905
CE 0154	9.608	9.862	9.628	9.828	9.608	9.981	9.628	9.929	9.608	10.100	9.628	10.030
CE 0156	9.733	9.987	9.753	9.953	9.733	10.106	9.753	10.054	9.733	10.225	9.753	10.155
CE 0158	9.858	10.112	9.878	10.078	9.858	10.231	9.878	10.179	9.858	10.350	9.878	10.280
CE 0160	9.983	10.237	10.003	10.203	9.983	10.356	10.003	10.304	9.983	10.475	10.003	10.405
	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)
CE 0162	10.108	10.362	10.128	10.328	10.108	10.481	10.128	10.429	10.108	10.600	10.128	10.530
CE 0164	10.233	10.487	10.253	10.453	10.233	10.606	10.253	10.554	10.233	10.725	10.253	10.655
CE 0166	10.358	10.612	10.378	10.578	10.358	10.731	10.378	10.679	10.358	10.850	10.378	10.780
CE 0168	10.483	10.737	10.503	10.703	10.483	10.856	10.503	10.804	10.483	10.975	10.503	10.905
CE 0170	10.608	10.862	10.628	10.828	10.608	10.981	10.628	10.929	10.608	11.100	10.628	11.030
CE 0172	10.733	10.987	10.753	10.953	10.733	11.106	10.753	11.054	10.733	11.225	10.753	11.155
CE 0174	10.858	11.112	10.878	11.078	10.858	11.231	10.878	11.179	10.858	11.350	10.878	11.280
CE 0176	10.983	11.237	11.003	11.203	10.983	11.356	11.003	11.304	10.983	11.475	11.003	11.405
CE 0178	11.108	11.362	11.128	11.328	11.108	11.481	11.128	11.429	11.108	11.600	11.128	11.530
CE 0180	11.233	11.487	11.253	11.453	11.233	11.606	11.253	11.554	11.233	11.725	11.253	11.655
CE 0182	11.358	11.612	11.378	11.578	11.358	11.731	11.378	11.679	11.358	11.850	11.378	11.780
CE 0184	11.483	11.737	11.503	11.703	11.483	11.856	11.503	11.804	11.483	11.975	11.503	11.905
CE 0186	11.608	11.862	11.628	11.828	11.608	11.981	11.628	11.929	11.608	12.100	11.628	12.030
CE 0188	11.733	11.987	11.753	11.953	11.733	12.106	11.753	12.054	11.733	12.225	11.753	12.155
CE 0190	11.858	12.112	11.878	12.078	11.858	12.231	11.878	12.179	11.858	12.350	11.878	12.280
CE 0192	11.983	11.237	12.003	12.203	11.983	12.356	12.003	12.304	11.983	12.475	12.003	12.405
CE 0194	12.108	12.362	12.128	12.328	12.108	12.481	12.128	12.429	12.108	12.600	12.128	12.530
CE 0196	12.233	12.487	12.253	12.453	12.233	12.606	12.253	12.554	12.233	12.725	12.253	12.655
CE 0198	12.358	12.612	12.378	12.578	12.358	12.731	12.378	12.679	12.358	12.850	12.378	12.780
CE 0200	12.483	12.737	12.503	12.703	12.483	12.856	12.503	12.804	12.483	12.975	12.503	12.905
CE 0202	12.608	12.862	12.628	12.828	12.608	12.981	12.628	12.929	12.608	13.100	12.628	13.030
CE 0204	12.733	12.987	12.753	12.953	12.733	13.106	12.753	13.054	12.733	13.225	12.753	13.155
CE 0206	12.858	13.112	12.878	13.078	12.858	13.231	12.878	13.179	12.858	13.350	12.878	13.280

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)	+0.000 -0.012	(min.)	+0.012 -0.000	(max.)
CE 0208	12.983	13.237	13.003	13.203	12.983	13.356	13.003	13.304	12.983	13.475	13.003	13.405
CE 0210	13.108	13.362	13.128	13.328	13.108	13.481	13.128	13.429	13.108	13.600	13.128	13.530
CE 0212	13.233	13.487	13.253	13.453	13.233	13.606	13.253	13.554	13.233	13.725	13.253	13.655
CE 0214	13.358	13.612	13.378	13.578	13.358	13.731	13.378	13.679	13.358	13.850	13.378	13.780
CE 0216	13.483	13.737	13.503	13.703	13.483	13.856	13.503	13.804	13.483	13.975	13.503	13.905
CE 0218	13.608	13.862	13.628	13.828	13.608	13.981	13.628	13.929	13.608	14.100	13.628	14.030
CE 0220	13.733	13.987	13.753	13.953	13.733	14.106	13.753	14.054	13.733	14.225	13.753	14.155
CE 0222	13.858	14.112	13.878	14.078	13.858	14.231	13.878	14.179	13.858	14.350	13.878	14.280
CE 0224	13.983	14.237	14.003	14.203	13.983	14.356	14.003	14.304	13.983	14.475	14.003	14.405
CE 0226	14.108	14.362	14.128	14.328	14.108	14.481	14.128	14.429	14.108	14.600	14.128	14.530
CE 0228	14.233	14.487	14.253	14.453	14.233	14.606	14.253	14.554	14.233	14.725	14.253	14.655
CE 0230	14.358	14.612	14.378	14.578	14.358	14.731	14.378	14.679	14.358	14.850	14.378	14.780
CE 0232	14.483	14.737	14.503	14.703	14.483	14.856	14.503	14.804	14.483	14.975	14.503	14.905
CE 0234	14.608	14.862	14.628	14.828	14.608	14.981	14.628	14.929	14.608	15.100	14.628	15.030
CE 0236	14.733	14.987	14.753	14.953	14.733	15.106	14.753	15.054	14.733	15.225	14.753	15.155
CE 0238	14.858	15.112	14.878	15.078	14.858	15.231	14.878	15.179	14.858	15.350	14.878	15.280
CE 0240	14.983	15.237	15.003	15.203	14.983	15.356	15.003	15.304	14.983	15.475	15.003	15.405
	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)
CE 0242	15.108	15.362	15.128	15.328	15.108	15.481	15.128	15.429	15.108	15.600	15.128	15.530
CE 0244	15.233	15.487	15.253	15.453	15.233	15.606	15.253	15.554	15.233	15.725	15.253	15.655
CE 0246	15.358	15.612	15.378	15.578	15.358	15.731	15.378	15.679	15.358	15.850	15.378	15.780
CE 0248	15.483	15.737	15.503	15.703	15.483	15.856	15.503	15.804	15.483	15.975	15.503	15.905
CE 0250	15.608	15.862	15.628	15.828	15.608	15.981	15.628	15.929	15.608	16.100	15.628	16.030
CE 0252	15.733	15.987	15.753	15.953	15.733	16.106	15.753	16.054	15.733	16.225	15.753	16.155
CE 0254	15.858	16.112	15.878	16.078	15.858	16.231	15.878	16.179	15.858	16.350	15.878	16.280
CE 0256	15.983	16.237	16.003	16.203	15.983	16.356	16.003	16.304	15.983	16.475	16.003	16.405
CE 0258	16.108	16.362	16.128	16.328	16.108	16.481	16.128	16.429	16.108	16.600	16.128	16.530
CE 0260	16.233	16.487	16.253	16.453	16.233	16.606	16.253	16.554	16.233	16.725	16.253	16.655
CE 0262	16.358	16.612	16.378	16.578	16.358	16.731	16.378	16.679	16.358	16.850	16.378	16.780
CE 0264	16.483	16.737	16.503	16.703	16.483	16.856	16.503	16.804	16.483	16.975	16.503	16.905

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)	+0.000 -0.015	(min.)	+0.015 -0.000	(max.)
CE 0266	16.608	16.862	16.628	16.828	16.608	16.981	16.628	16.929	16.608	17.100	16.628	17.030
CE 0268	16.733	16.987	16.753	16.953	16.733	17.106	16.753	17.054	16.733	17.225	16.753	17.155
CE 0270	16.858	17.112	16.878	17.078	16.858	17.231	16.878	17.179	16.858	17.350	16.878	17.280
CE 0272	16.983	17.237	17.003	17.203	16.983	17.356	17.003	17.304	16.983	17.475	17.003	17.405
CE 0274	17.108	17.362	17.128	17.328	17.108	17.481	17.128	17.429	17.108	17.600	17.128	17.530
CE 0276	17.233	17.487	17.253	17.453	17.233	17.606	17.253	17.554	17.233	17.725	17.253	17.655
CE 0278	17.358	17.612	17.378	17.578	17.358	17.731	17.378	17.679	17.358	17.850	17.378	17.780
CE 0280	17.483	17.737	17.503	17.703	17.483	17.856	17.503	17.804	17.483	17.975	17.503	17.905
CE 0282	17.608	17.862	17.628	17.828	17.608	17.981	17.628	17.929	17.608	18.100	17.628	18.030
CE 0284	17.733	17.987	17.753	17.953	17.733	18.106	17.753	18.054	17.733	18.225	17.753	18.155
CE 0286	17.858	18.112	17.878	18.078	17.858	18.231	17.878	18.179	17.858	18.350	17.878	18.280
CE 0288	17.983	18.237	18.003	18.203	17.983	18.356	18.003	18.304	17.983	18.475	18.003	18.405
CE 0290	18.108	18.362	18.128	18.328	18.108	18.481	18.128	18.429	18.108	18.600	18.128	18.530
CE 0292	18.233	18.487	18.253	18.453	18.233	18.606	18.253	18.554	18.233	18.725	18.253	18.655
CE 0294	18.358	18.612	18.378	18.578	18.358	18.731	18.378	18.679	18.358	18.850	18.378	18.780
CE 0296	18.483	18.737	18.503	18.703	18.483	18.856	18.503	18.804	18.483	18.975	18.503	18.905
CE 0298	18.608	18.862	18.628	18.828	18.608	18.981	18.628	19.929	18.608	19.100	18.628	19.030
CE 0300	18.733	18.987	18.753	18.953	18.733	19.106	18.753	19.054	18.733	19.225	18.753	19.155
CE 0302	18.858	19.112	18.878	19.078	18.858	19.231	18.878	19.179	18.858	19.350	18.878	19.280
CE 0304	18.983	19.237	19.003	19.203	18.983	19.356	19.003	19.304	18.983	19.475	19.003	19.405
CE 0306	19.108	19.362	19.128	19.328	19.108	19.481	19.128	19.429	19.108	19.600	19.128	19.530
CE 0308	19.233	19.487	19.253	19.453	19.233	19.606	19.253	19.554	19.233	19.725	19.253	19.655
CE 0310	19.358	19.612	19.378	19.578	19.358	19.731	19.378	19.679	19.358	19.850	19.378	19.780
CE 0312	19.483	19.737	19.503	19.703	19.483	19.856	19.503	19.804	19.483	19.975	19.503	19.905
CE 0314	19.608	19.862	19.628	19.828	19.608	19.981	19.628	19.929	19.608	20.100	19.628	20.030
CE 0316	19.733	19.987	19.753	19.953	19.733	20.106	19.753	20.054	19.733	20.225	19.753	20.155
CE 0318	19.858	20.112	19.878	20.078	19.858	20.231	19.878	20.179	19.858	20.350	19.878	20.280

# CE SERIES – EXTERNAL PRESSURE FACE TYPE C-SEAL



WELD PERMITTED

PLATING MAY BE INCOMPLETE INSIDE C SECTION

SEAL DIAMETERS CAN BE OUT OF ROUND IN EXCESS OF TOLERANCES

SEE THE C-SEALS INTRODUCTION PAGES, FOR DETAILS OF SEAL FREE HEIGHT, CAVITY DEPTH AND RADIUS R

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.025	(min.)	+0.051 -0.000	(max.)	+0.000 -0.025	(min.)	+0.051 -0.000	(max.)				
CE 0002	2.946	6.198	3.251	5.918	-	-	-	-	-	-	-	-
CE 0532	3.734	6.985	4.039	6.706	-	-	-	-	-	-	-	-
CE 0003	4.547	7.798	4.851	7.518	4.547	9.296	4.851	8.915	-	-	-	-
CE 0732	5.309	8.585	5.613	8.306	5.309	10.084	5.613	9.677	-	-	-	-
CE 0004	6.096	9.373	6.401	9.093	6.096	10.871	6.401	10.465	-	-	-	-
CE 0932	6.883	10.160	7.188	9.881	6.883	11.659	7.188	11.252	-	-	-	-
CE 0005	7.696	10.973	8.001	10.693	7.696	12.471	8.001	12.065	-	-	-	-
CE 1132	8.484	11.760	8.788	11.481	8.484	13.259	8.788	12.852	-	-	-	-
CE 0006	9.271	12.548	9.576	12.268	9.271	14.046	9.576	13.640	-	-	-	-
CE 1332	10.058	13.335	10.363	13.056	10.058	14.834	10.363	14.427	-	-	-	-
CE 0007	10.871	14.148	11.176	13.868	10.871	15.646	11.176	15.240	-	-	-	-
CE 1532	11.659	14.935	11.963	14.656	11.659	16.434	11.963	16.027	-	-	-	-
CE 0008	12.446	15.723	12.751	15.443	12.446	17.221	12.751	16.815	-	-	-	-
CE 1732	13.233	16.510	13.538	16.231	13.233	18.009	13.538	17.602	-	-	-	-
CE 0009	14.046	17.323	14.351	17.043	14.046	18.821	14.351	18.415	-	-	-	-
CE 1932	14.834	18.110	15.138	17.831	14.834	19.609	15.138	19.202	-	-	-	-
CE 0010	15.621	18.898	15.926	18.618	15.621	20.396	15.926	19.990	-	-	-	-
CE 2132	16.408	19.685	16.713	19.406	16.408	21.184	16.713	20.777	-	-	-	-
CE 0011	17.196	20.498	17.501	20.218	17.196	21.996	17.501	21.565	-	-	-	-
CE 2332	18.009	21.285	18.313	21.006	18.009	22.784	18.313	22.377	-	-	-	-

SEAL DIMENSIONS ARE IN MILLIMETRES AND ARE PRIOR TO PLATING OR COATING

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .051	(min.)	+ .051 - .000	(max.)	+ .000 - .051	(min.)	+ .051 - .000	(max.)	+ .000 - .051	(min.)	+ .051 - .000	(max.)
CE 0012	18.796	22.073	19.101	21.793	18.796	23.571	19.101	23.165	18.796	25.070	19.101	24.206
CE 2532	19.583	22.860	19.888	22.581	19.583	24.359	19.888	23.952	19.583	25.857	19.888	24.994
CE 0013	20.396	23.673	20.701	23.393	20.396	25.171	20.701	24.765	20.396	26.670	20.701	25.806
CE 2732	21.184	24.460	21.488	24.181	21.184	25.959	21.488	25.552	21.184	27.457	21.488	26.594
CE 0014	21.971	25.248	22.276	24.968	21.971	26.746	22.276	26.340	21.971	28.245	22.276	27.381
CE 2932	22.758	26.035	23.063	25.756	22.758	27.534	23.063	27.127	22.758	29.032	23.063	28.042
CE 0015	23.571	26.848	23.876	26.568	23.571	28.346	23.876	27.940	23.571	29.845	23.876	28.981
CE 3132	24.359	27.635	24.663	27.356	24.359	29.134	24.663	28.727	24.359	30.632	24.663	29.769
CE 0016	25.146	28.423	25.451	28.143	25.146	29.921	25.451	29.515	25.146	31.420	25.451	30.556
CE 0017	26.746	30.023	27.051	29.743	26.746	31.521	27.051	31.115	26.746	33.020	27.051	32.156
CE 0018	28.321	31.598	28.626	31.318	28.321	33.096	28.626	32.690	28.321	34.595	28.626	33.731
CE 0019	29.947	33.198	30.251	32.918	29.947	34.696	30.251	34.315	29.947	36.220	30.251	35.357
CE 0020	31.496	34.773	31.801	34.493	31.496	36.271	31.801	35.865	31.496	37.770	31.801	36.906
CE 0021	33.096	36.373	33.401	36.093	33.096	37.871	33.401	37.465	33.096	39.370	33.401	38.506
CE 0022	34.671	37.948	34.976	37.668	34.671	39.446	34.976	39.040	34.671	40.945	34.976	40.081
CE 0023	36.271	39.548	36.576	39.268	36.271	41.046	36.576	40.640	36.271	42.545	36.576	41.681
CE 0024	37.846	41.123	38.151	40.843	37.846	42.621	38.151	42.215	37.846	44.120	38.151	43.256
CE 0025	39.446	42.723	39.751	42.443	39.446	44.221	39.751	43.815	39.446	45.720	39.751	44.856
CE 0026	41.021	44.298	41.326	44.018	41.021	45.796	41.326	45.390	41.021	47.295	41.326	46.431
CE 0027	42.621	45.898	42.926	45.618	42.621	47.396	42.926	46.990	42.621	48.895	42.926	48.031
CE 0028	44.196	47.473	44.501	47.193	44.196	48.971	44.501	48.565	44.196	50.470	44.501	49.606
CE 0029	45.796	49.073	46.101	48.793	45.796	50.571	46.101	50.165	45.796	52.070	46.101	51.206
	+ .000 - .076	(min.)	+ .076 - .000	(max.)	+ .000 - .076	(min.)	+ .076 - .000	(max.)	+ .000 - .076	(min.)	+ .076 - .000	(max.)
CE 0030	47.371	50.648	47.676	50.368	47.371	52.146	47.676	51.740	47.371	53.645	47.676	52.781
CE 0031	48.971	52.248	49.276	51.968	48.971	53.746	49.276	53.340	48.971	55.245	49.276	54.381
CE 0032	50.571	53.823	50.876	53.543	50.571	55.321	50.876	54.940	50.571	56.820	50.876	55.956
CE 0033	52.070	55.423	52.476	55.143	52.070	56.921	52.476	56.540	52.070	58.420	52.476	57.556
CE 0034	53.645	56.998	54.051	56.718	53.645	58.496	54.051	58.115	53.645	59.995	54.051	59.131
CE 0035	55.245	58.598	55.651	58.318	55.245	60.096	55.651	59.715	55.245	61.595	55.651	60.731
CE 0036	56.820	60.173	57.226	59.893	56.820	61.671	57.226	61.290	56.820	63.170	57.226	62.306

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.076	(min.)	+0.076 -0.000	(max.)	+0.000 -0.076	(min.)	+0.076 -0.000	(max.)	+0.000 -0.076	(min.)	+0.076 -0.000	(max.)
CE 0037	58.395	61.773	58.801	61.493	58.395	63.271	58.801	62.890	58.395	64.770	58.801	63.881
CE 0038	59.995	63.348	60.401	63.068	59.995	64.846	60.401	64.465	59.995	66.345	60.401	65.481
CE 0039	61.595	64.948	62.001	64.668	61.595	66.446	62.001	66.065	61.595	67.945	62.001	67.081
CE 0040	63.170	66.523	63.576	66.243	63.170	68.021	63.576	67.640	63.170	69.520	63.576	68.656
CE 0041	64.770	68.123	65.176	67.843	64.770	69.621	65.176	69.240	64.770	71.120	65.176	70.256
CE 0042	66.345	69.698	66.751	69.418	66.345	71.196	66.751	70.815	66.345	72.695	66.751	71.831
CE 0043	67.945	71.298	68.351	71.018	67.945	72.796	68.351	72.415	67.945	74.295	68.351	73.431
CE 0044	69.520	72.873	69.926	72.593	69.520	74.371	69.926	73.990	69.520	75.870	69.926	75.006
CE 0045	71.120	74.473	71.526	74.193	71.120	75.971	71.526	75.590	71.120	77.470	71.526	76.606
CE 0046	72.695	76.048	73.101	75.768	72.695	77.546	73.101	77.165	72.695	79.045	73.101	78.181
CE 0047	74.295	77.648	74.701	77.368	74.295	79.146	74.701	78.765	74.295	80.645	74.701	79.781
CE 0048	75.870	79.223	76.276	78.943	75.870	80.721	76.276	80.340	75.870	82.220	76.276	81.356
	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)
CE 0049	77.470	80.823	77.876	80.543	77.470	82.321	77.876	81.940	77.470	83.820	77.876	82.956
CE 0050	79.045	82.398	79.451	82.118	79.045	83.896	79.451	83.515	79.045	85.395	79.451	84.531
CE 0051	80.645	83.998	81.051	83.718	80.645	85.496	81.051	85.115	80.645	86.995	81.051	86.131
CE 0052	82.220	85.573	82.626	85.293	82.220	87.071	82.626	86.690	82.220	88.570	82.626	87.706
CE 0053	83.820	87.173	84.226	86.893	83.820	88.671	84.226	88.290	83.820	90.170	84.226	89.306
CE 0054	85.395	88.748	85.801	88.468	85.395	90.246	85.801	89.865	85.395	91.745	85.801	90.881
CE 0055	86.995	90.348	87.401	90.068	86.995	91.846	87.401	91.465	86.995	93.345	87.401	92.481
CE 0056	88.570	91.923	88.976	91.643	88.570	93.421	88.976	93.040	88.570	94.920	88.976	94.056
Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)	+0.000 -0.102	(min.)	+0.102 -0.000	(max.)
CE 0057	90.170	96.520	90.576	95.656	90.170	99.543	90.576	98.222	-	-	-	-
CE 0058	91.745	98.095	92.151	97.231	91.745	101.117	92.151	99.797	-	-	-	-
CE 0059	93.345	99.695	93.751	98.831	93.345	102.718	93.751	101.397	-	-	-	-
CE 0060	94.920	101.270	95.326	100.406	94.920	104.292	95.326	102.972	-	-	-	-
CE 0061	96.520	102.870	96.926	102.006	96.520	105.893	96.926	104.572	-	-	-	-
CE 0062	98.095	104.445	98.501	103.581	98.095	107.467	98.501	106.147	-	-	-	-

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .102	(min.)	+ .102 - .000	(max.)	+ .000 - .102	(min.)	+ .102 - .000	(max.)	+ .000 - .102	(min.)	+ .102 - .000	(max.)
CE 0063	99.695	106.045	100.101	105.181	99.695	109.068	100.101	107.747	-	-	-	-
CE 0064	101.270	107.620	101.676	106.756	101.270	110.642	101.676	109.322	101.270	113.665	101.676	111.887
CE 0065	102.768	109.220	103.276	108.356	102.768	112.243	103.276	110.922	102.768	115.265	103.276	113.487
CE 0066	104.343	110.795	104.851	109.931	104.343	113.817	104.851	112.497	104.343	116.840	104.851	115.062
CE 0067	105.943	112.395	106.451	111.531	105.943	115.418	106.451	114.097	105.943	118.440	106.451	116.662
CE 0068	107.581	113.970	108.026	113.106	107.518	116.992	108.026	115.672	107.518	120.015	108.026	118.237
CE 0069	109.118	115.570	109.626	114.706	109.118	118.593	109.626	117.272	109.118	121.615	109.626	119.837
CE 0070	110.693	117.145	111.201	116.281	110.693	120.167	111.201	118.847	110.693	123.190	111.201	121.412
CE 0071	112.293	118.745	112.801	117.881	112.293	121.768	112.801	120.447	112.293	124.790	112.801	123.012
CE 0072	113.868	120.320	114.376	119.456	113.868	123.342	114.376	122.022	113.868	126.365	114.376	124.587
CE 0073	115.468	121.920	115.976	121.056	115.468	124.943	115.976	123.622	115.468	127.965	115.976	126.187
CE 0074	117.043	123.495	117.551	122.631	117.043	126.517	117.551	125.197	117.043	129.540	117.551	127.762
CE 0075	118.643	125.095	119.151	124.231	118.643	128.118	119.151	126.797	118.643	131.140	119.151	129.362
CE 0076	120.218	126.670	120.726	125.806	120.218	129.692	120.726	128.372	120.218	132.715	120.726	129.937
CE 0077	121.818	128.270	122.326	127.406	121.818	131.293	122.326	129.972	121.818	134.315	122.326	132.537
CE 0078	123.393	129.845	123.901	128.981	123.393	132.867	123.901	131.547	123.393	135.890	123.901	134.112
CE 0079	124.993	131.445	125.501	130.581	124.993	134.468	125.501	133.147	124.993	137.490	125.501	135.712
CE 0080	126.568	133.020	127.076	132.156	126.568	136.042	127.076	134.722	126.568	139.065	127.076	137.287
	+ .000 - .152	(min.)	+ .152 - .000	(max.)	+ .000 - .152	(min.)	+ .152 - .000	(max.)	+ .000 - .152	(min.)	+ .152 - .000	(max.)
CE 0081	128.168	134.620	128.676	133.756	128.168	137.643	128.676	136.322	128.168	140.665	128.676	138.887
CE 0082	129.743	136.195	130.251	135.331	129.743	139.217	130.251	137.897	129.743	142.240	130.251	140.462
CE 0083	131.343	137.795	131.851	136.931	131.343	140.818	131.851	139.497	131.343	143.840	131.851	142.062
CE 0084	132.918	139.370	133.426	138.506	132.918	142.392	133.426	141.072	132.918	145.415	133.426	143.637
CE 0085	134.518	140.970	135.026	140.106	134.518	143.993	135.026	142.672	134.518	147.015	135.026	145.237
CE 0086	136.093	142.545	136.601	141.681	136.093	145.567	136.601	144.247	136.093	148.590	136.601	146.812
CE 0087	137.693	144.145	138.201	143.281	137.693	147.168	138.201	145.847	137.693	150.190	138.201	148.412
CE 0088	139.268	145.720	139.776	144.856	139.268	148.742	139.776	147.422	139.268	151.765	139.776	149.987
CE 0089	140.868	147.320	141.376	146.456	140.868	150.343	141.376	149.022	140.868	153.365	141.376	151.587
CE 0090	142.443	148.895	142.951	148.031	142.443	151.917	142.951	150.597	142.443	154.940	142.951	153.162
CE 0092	145.618	152.070	146.126	151.206	145.618	155.092	146.126	153.772	145.618	158.115	146.126	156.337

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .152	(min.)	+ .152 - .000	(max.)	+ .000 - .152	(min.)	+ .152 - .000	(max.)	+ .000 - .152	(min.)	+ .152 - .000	(max.)
CE 0094	148.793	155.245	149.301	154.381	148.793	158.267	149.301	156.947	148.793	161.290	149.301	159.512
CE 0096	151.968	158.420	152.476	157.556	151.968	161.442	152.476	160.122	151.968	164.465	152.476	162.687
CE 0098	155.143	161.595	155.651	160.731	155.143	164.617	155.651	163.297	155.143	167.640	155.651	165.862
CE 0100	158.318	164.770	158.826	163.906	158.318	167.792	158.826	166.472	158.318	170.815	158.826	169.037
CE 0102	161.493	167.945	162.001	167.081	161.493	170.967	162.001	169.647	161.493	173.990	162.001	172.212
CE 0104	164.668	171.120	165.176	170.256	164.668	174.142	165.176	172.822	164.668	177.165	165.176	175.387
CE 0106	167.843	174.295	168.351	173.431	167.843	177.317	168.351	175.997	167.843	180.340	168.351	178.562
CE 0108	171.018	177.470	171.526	176.606	171.018	180.492	171.526	179.172	171.018	183.515	171.526	181.737
CE 0110	174.193	180.645	174.701	179.781	174.193	183.667	174.701	182.347	174.193	186.690	174.701	184.912
CE 0112	177.368	183.820	177.876	182.956	177.368	186.842	177.876	185.522	177.368	189.865	177.876	188.087
	+ .000 - .203	(min.)	+ .203 - .000	(max.)	+ .000 - .203	(min.)	+ .203 - .000	(max.)	+ .000 - .203	(min.)	+ .203 - .000	(max.)
CE 0114	180.543	186.995	181.051	186.131	180.543	190.017	181.051	188.697	180.543	193.040	181.051	191.262
CE 0116	183.718	190.170	184.226	189.306	183.718	193.192	184.226	191.872	183.718	196.215	184.226	194.437
CE 0118	186.893	193.345	187.401	192.481	186.893	196.367	187.401	195.047	186.893	199.390	187.401	197.612
CE 0120	190.068	196.520	190.576	195.656	190.068	199.542	190.576	198.222	190.068	202.565	190.576	200.787
CE 0122	193.243	199.695	193.751	198.831	193.243	202.717	193.751	201.397	193.243	205.740	193.751	203.962
CE 0124	196.418	202.870	196.926	202.006	196.418	205.892	196.926	204.572	196.418	208.915	196.926	207.137
CE 0126	199.593	206.045	200.101	205.181	199.593	209.067	200.101	207.747	199.593	212.090	200.101	210.312
CE 0128	202.768	209.220	203.276	208.356	202.768	212.242	203.276	210.922	202.768	215.265	203.276	213.487
CE 0130	205.943	212.395	206.451	211.531	205.943	215.417	206.451	214.097	205.943	218.440	206.451	216.662
CE 0132	209.118	215.570	209.626	214.706	209.118	218.592	209.626	217.272	209.118	221.615	209.626	219.837
CE 0134	212.293	218.745	212.801	217.881	212.293	221.767	212.801	220.447	212.293	224.790	212.801	223.012
CE 0136	215.468	221.920	215.976	221.056	215.468	224.942	215.976	223.622	215.468	227.965	215.976	226.187
CE 0138	218.643	225.095	219.151	224.231	218.643	228.117	219.151	226.797	218.643	231.140	219.151	229.362
CE 0140	221.818	228.270	222.326	227.406	221.818	231.292	222.326	229.972	221.818	234.315	222.326	232.537
CE 0142	224.993	231.445	225.501	230.581	224.993	234.467	225.501	233.147	224.993	237.490	225.501	235.712
CE 0144	228.168	234.620	228.676	233.756	228.168	237.642	228.676	236.322	228.168	240.665	228.676	238.887
CE 0146	231.343	237.795	231.851	236.931	231.343	240.817	231.851	239.497	231.343	243.840	231.851	242.062
CE 0148	234.518	240.970	235.026	240.106	234.518	243.992	235.026	242.672	234.518	247.015	235.026	245.237
CE 0150	237.693	244.145	238.201	243.281	237.693	247.167	238.201	245.847	237.693	250.190	238.201	248.412

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .203	(min.)	+ .203 - .000	(max.)	+ .000 - .203	(min.)	+ .203 - .000	(max.)	+ .000 - .203	(min.)	+ .203 - .000	(max.)
CE 0152	240.868	247.230	241.376	246.456	240.868	250.342	241.376	249.022	240.868	253.365	241.376	251.587
CE 0154	244.043	250.495	244.551	249.631	244.043	253.517	244.551	252.197	244.043	256.540	244.551	254.762
CE 0156	247.218	253.670	247.726	252.806	247.218	256.692	247.726	255.372	247.218	259.715	247.726	257.937
CE 0158	250.393	256.845	250.901	255.981	250.393	259.867	250.901	258.547	250.393	262.890	250.901	261.112
CE 0160	253.568	260.020	254.076	259.156	253.568	263.042	254.076	261.722	253.568	266.065	254.076	264.287
	+ .000 - .305	(min.)	+ .305 - .000	(max.)	+ .000 - .305	(min.)	+ .305 - .000	(max.)	+ .000 - .305	(min.)	+ .305 - .000	(max.)
CE 0162	256.743	263.195	257.251	262.331	256.743	266.217	257.251	264.897	256.743	269.240	257.251	267.462
CE 0164	259.918	266.370	260.426	265.506	259.918	269.392	260.426	268.072	259.918	272.415	260.426	270.637
CE 0166	263.093	269.545	263.601	268.681	263.093	272.567	263.601	271.247	263.093	275.590	263.601	273.812
CE 0168	266.268	272.720	266.776	271.856	266.268	275.742	266.776	274.422	266.268	278.765	266.776	276.987
CE 0170	269.443	275.895	269.951	275.031	269.443	278.917	269.951	277.597	269.443	281.940	269.951	280.162
CE 0172	272.618	279.070	273.126	278.206	272.618	282.092	273.126	280.772	272.618	285.115	273.126	283.337
CE 0174	275.793	282.245	276.301	281.381	275.793	285.267	276.301	283.947	275.793	288.290	276.301	286.512
CE 0176	278.968	285.420	279.476	284.556	278.968	288.442	279.476	287.122	278.968	291.465	279.476	289.687
CE 0178	282.143	288.595	282.651	287.731	282.143	291.617	282.651	290.297	282.143	294.640	282.651	292.862
CE 0180	285.318	291.770	285.826	290.906	285.318	294.792	285.826	293.472	285.318	297.815	285.826	296.037
CE 0182	288.493	294.945	289.001	294.081	288.493	297.967	289.001	296.647	288.493	300.990	289.001	299.212
CE 0184	291.668	298.120	292.176	297.256	291.668	301.142	292.176	299.822	291.668	304.165	292.176	302.387
CE 0186	294.843	301.295	295.351	300.431	294.843	304.317	295.351	302.997	294.843	307.340	295.351	305.562
CE 0188	298.018	304.470	298.526	303.606	298.018	307.492	298.526	306.172	298.018	310.515	298.526	308.737
CE 0190	301.193	307.645	301.701	306.781	301.193	310.667	301.701	309.347	301.193	313.690	301.701	311.912
CE 0192	304.368	310.820	304.876	309.956	304.368	313.842	304.876	312.522	304.368	316.865	304.876	315.087
CE 0194	307.543	313.995	308.051	313.131	307.543	317.017	308.051	315.697	307.543	320.040	308.051	318.262
CE 0196	310.718	317.170	311.226	316.306	310.718	320.192	311.226	318.872	310.718	323.215	311.226	321.437
CE 0198	313.893	320.345	314.401	319.481	313.893	323.367	314.401	322.047	313.893	326.390	314.401	324.612
CE 0200	317.068	323.520	317.576	322.656	317.068	326.542	317.576	325.222	317.068	329.565	317.576	327.787
CE 0202	320.243	326.695	320.751	325.831	320.243	329.717	320.751	328.397	320.243	332.740	320.751	330.962
CE 0204	323.418	329.870	323.926	329.006	323.418	332.892	323.926	331.572	323.418	335.915	323.926	334.137
CE 0206	326.593	333.045	327.101	332.181	326.593	336.067	327.101	334.747	326.593	339.090	327.101	337.312
CE 0208	329.768	336.220	330.276	335.356	329.768	339.242	330.276	337.922	329.768	342.265	330.276	340.487

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .305	(min.)	+ .305 - .000	(max.)	+ .000 - .305	(min.)	+ .305 - .000	(max.)	+ .000 - .305	(min.)	+ .305 - .000	(max.)
CE 0210	332.943	339.395	333.451	338.531	332.943	342.417	333.451	341.097	332.943	345.440	333.451	343.662
CE 0212	336.118	342.570	336.626	341.706	336.118	345.592	336.626	344.272	336.118	348.615	336.626	346.837
CE 0214	339.293	345.745	339.801	344.881	339.293	348.767	339.801	347.447	339.293	351.790	339.801	350.012
CE 0216	342.468	348.920	342.976	348.056	342.468	351.942	342.976	350.622	342.468	354.965	342.976	353.187
CE 0218	345.643	352.095	346.151	351.231	345.643	355.117	346.151	353.797	345.643	358.140	346.151	356.362
CE 0220	348.818	355.270	349.326	354.406	348.818	358.292	349.326	356.972	348.818	361.315	349.326	359.537
CE 0222	351.993	358.445	352.501	357.581	351.993	361.467	352.501	360.147	351.993	364.490	352.501	362.712
CE 0224	355.168	361.620	355.676	360.756	355.168	364.642	355.676	363.322	355.168	367.665	355.676	365.887
CE 0226	358.343	364.795	358.851	363.931	358.343	367.817	358.851	366.497	358.343	370.840	358.851	369.062
CE 0228	361.518	367.970	362.026	367.106	361.518	370.992	362.026	369.672	361.518	374.015	362.026	372.237
CE 0230	364.693	371.145	365.201	370.281	364.693	374.167	365.201	372.847	364.693	377.190	365.201	375.412
CE 0232	367.868	374.320	368.376	373.456	367.868	377.342	368.376	376.022	367.868	380.365	368.376	378.587
CE 0234	371.043	377.495	371.551	376.631	371.043	380.517	371.551	379.197	371.043	383.540	371.551	381.762
CE 0236	374.218	380.670	374.726	379.806	374.218	383.692	374.726	382.372	374.218	386.715	374.726	384.937
CE 0238	377.393	383.845	377.901	382.981	377.393	386.867	377.901	385.547	377.393	389.890	377.901	388.112
CE 0240	380.568	387.020	381.076	386.156	380.568	390.042	381.076	388.722	380.568	393.065	381.076	391.287
	+ .000 - .381	(min.)	+ .381 - .000	(max.)	+ .000 - .381	(min.)	+ .381 - .000	(max.)	+ .000 - .381	(min.)	+ .381 - .000	(max.)
CE 0242	383.743	390.195	384.251	389.331	383.743	393.217	384.251	391.897	383.743	396.240	384.251	394.462
CE 0244	386.918	393.370	387.426	392.506	386.918	396.392	387.426	395.072	386.918	399.415	387.426	397.637
CE 0246	390.093	396.545	390.601	395.681	390.093	399.567	390.601	398.247	390.093	402.590	390.601	400.812
CE 0248	393.268	399.720	393.776	398.856	393.268	402.742	393.776	401.422	393.268	405.765	393.776	403.987
CE 0250	396.443	402.895	396.951	402.031	396.443	405.917	396.951	404.597	396.443	408.940	396.951	407.162
CE 0252	399.618	406.070	400.126	405.206	399.618	409.092	400.126	407.772	399.618	412.115	400.126	410.337
CE 0254	402.793	409.245	403.301	408.381	402.793	412.267	403.301	410.947	402.793	415.290	403.301	413.512
CE 0256	405.968	412.420	406.476	411.556	405.968	415.442	406.476	414.122	405.968	418.465	406.476	416.687
CE 0258	409.143	415.595	409.651	414.731	409.143	418.617	409.651	417.297	409.143	421.640	409.651	419.862
CE 0260	412.318	418.770	412.826	417.906	412.318	421.792	412.826	420.472	412.318	424.815	412.826	423.037
CE 0262	415.493	421.945	416.001	421.081	415.493	424.967	416.001	423.647	415.493	427.990	416.001	426.212
CE 0264	418.668	425.120	419.176	424.256	418.668	428.142	419.176	426.822	418.668	431.165	419.176	429.387
CE 0266	421.843	428.295	422.351	427.431	421.843	431.317	422.351	429.997	421.843	434.340	422.351	432.562

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	+ .000 - .381	(min.)	+ .381 - .000	(max.)	+ .000 - .381	(min.)	+ .381 - .000	(max.)	+ .000 - .381	(min.)	+ .381 - .000	(max.)
CE 0268	425.018	431.470	425.526	430.606	425.018	434.492	425.526	433.172	425.018	437.515	425.526	435.737
CE 0270	428.193	434.645	428.701	433.781	428.193	437.667	428.701	436.347	428.193	440.690	428.701	438.912
CE 0272	431.368	437.820	431.876	436.956	431.368	440.842	431.876	439.522	431.368	443.865	431.876	442.087
CE 0274	434.543	440.995	435.051	440.131	434.543	444.017	435.051	442.697	434.543	447.040	435.051	445.262
CE 0276	437.718	444.170	438.226	443.306	437.718	447.192	438.226	445.872	437.718	450.215	438.226	448.437
CE 0278	440.893	447.345	441.401	446.481	440.893	450.367	441.401	449.047	440.893	453.390	441.401	451.612
CE 0280	444.068	450.520	444.576	449.656	444.068	453.542	444.576	452.222	444.068	456.565	444.576	454.787
CE 0282	447.243	453.695	447.751	452.831	447.243	456.717	447.751	455.397	447.243	459.740	447.751	457.962
CE 0284	450.418	456.870	450.926	456.006	450.418	459.892	450.926	458.572	450.418	462.915	450.926	461.137
CE 0286	453.593	460.045	454.101	459.181	452.593	463.067	454.101	461.747	453.593	466.090	454.101	464.312
CE 0288	456.768	463.220	457.276	462.356	456.768	466.242	457.276	464.922	456.768	469.265	457.276	467.487
CE 0290	459.943	466.395	460.451	465.531	459.943	469.417	460.451	468.097	459.943	472.440	460.451	470.662
CE 0292	463.118	469.570	463.626	468.706	463.118	472.592	463.626	471.272	463.118	475.615	463.626	473.837
CE 0294	466.293	472.745	466.801	471.881	466.293	475.767	466.801	474.447	466.293	478.790	466.801	477.012
CE 0296	469.468	475.920	469.976	475.056	469.468	478.942	469.976	477.622	469.468	481.965	469.976	480.187
CE 0298	472.643	479.095	473.151	478.231	472.643	482.117	473.151	480.797	472.643	485.140	473.151	483.362
CE 0300	475.818	482.270	476.326	481.406	475.818	485.292	476.326	483.972	475.818	488.315	476.326	486.537
CE 0302	478.993	485.445	479.501	484.581	478.993	488.467	479.501	487.147	478.993	491.490	479.501	489.712
CE 0304	482.168	488.620	482.676	487.756	482.168	491.642	482.676	490.322	482.168	494.665	482.676	492.887
CE 0306	485.343	491.795	485.851	490.931	485.343	494.817	485.851	493.497	485.343	497.840	485.851	496.062
CE 0308	488.518	494.970	489.026	494.106	488.518	497.992	489.026	496.672	488.518	501.015	489.026	499.237
CE 0310	491.693	498.145	492.201	497.281	491.693	501.167	492.201	499.847	491.693	504.190	492.201	502.412
CE 0312	494.868	501.320	495.376	500.456	494.868	504.342	495.376	503.022	494.868	507.365	495.376	505.587
CE 0314	498.043	504.495	498.551	503.631	498.043	507.517	498.551	506.197	498.043	510.540	498.551	508.762
CE 0316	501.218	507.670	501.726	506.806	501.218	510.692	501.726	509.372	501.218	513.715	501.726	511.937
CE 0318	504.393	510.845	504.901	509.981	504.393	513.867	504.901	512.547	504.393	516.890	504.901	515.112