LOAD TABLE

CALENTO SL 0,7 ALUMINUM ASTM B209 3003-H14

0.7 mm Aluminium Inward (Positive) Pressure									
Load (kPa)	Δ ≤ L/240 Deflection Criteria			Δ ≤ L/180 Deflection Criteria			Δ ≤ L/120 Deflection Criteria		
	Span condition (m)			Span condition (m)			Span condition (m)		
	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
0,4788	*1,8796	2,1844	*2,3368	*2,0828	2,1844	2,4638	*2,3876	2,1844	2,4638
0,7182	*1,651	1,7526	1,9558	*1,8288	1,7526	1,9558	2,0066	1,7526	1,9558
0,9576	*1,4986	1,4732	1,6764	*1,651	1,4732	1,6764	1,7272	1,4732	1,6764
1,1970	*1,397	1,2954	1,4732	*1,524	1,2954	1,4732	1,5494	1,2954	1,4732
1,4364	*1,2954	1,1684	1,3208	1,4224	1,1684	1,3208	1,4224	1,1684	1,3208
1,6758	*1,2446	1,0668	1,1938	1,3208	1,0668	1,1938	1,3208	1,0668	1,1938
1,9152	*1,1938	0,9652	1,0922	1,2192	0,9652	1,0922	1,2192	0,9652	1,0922
2,1546	*1,143	0,9144	1,0160	1,1430	0,9144	1,016	1,1430	0,9144	1,0160
2,3940	1,0922	0,8382	0,9398	1,0922	0,8382	0,9398	1,0922	0,8382	0,9398
2,6334	1,0414	0,7874	0,8890	1,0414	0,7874	0,889	1,0414	0,7874	0,8890
2,8728	0,9906	0,7366	0,8382	0,9906	0,7366	0,8382	0,9906	0,7366	0,8382
3,1122	0,9652	0,7112	0,7874	0,9652	0,7112	0,7874	0,9652	0,7112	0,7874
3,3516	0,9144	0,6604	0,7620	0,9144	0,6604	0,762	0,9144	0,6604	0,7620
3,5910	0,8890	0,6350	0,7112	0,8890	0,6350	0,7112	0,8890	0,6350	0,7112
3,8304	0,8636	0,6096	0,6858	0,8636	0,6096	0,6858	0,8636	0,6096	0,6858
4,0698	0,8382	0,5842	0,6604	0,8382	0,5842	0,6604	0,8382	0,5842	0,6604
4,3092	0,8128	0,5588	0,6350	0,8128	0,5588	0,635	0,8128	0,5588	0,6350
4,5486	0,7874	0,5334	0,6096	0,7874	0,5334	0,6096	0,7874	0,5334	0,6096
4,7880	0,7620	0,5080	0,5842	0,7620	0,5080	0,5842	0,7620	0,5080	0,5842

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LOAD TABLE

CALENTO SL 0,7 ALUMINUM ASTM B209 3003-H14

0.7 mm Aluminium Outward (Negative) Pressure									
Load (kPa)	Δ ≤ L/240 Deflection Criteria			Δ ≤ L/180 Deflection Criteria			Δ ≤ L/120 Deflection Criteria		
	Span condition (m)			Span condition (m)			Span condition (m)		
	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
0,4788	*1,8796	2,3114	*2,3368	*2,0828	2,3114	2,5654	2,3368	2,3114	2,5654
0,7182	*1,651	1,8288	*2,032	*1,8288	1,8288	2,0574	1,9050	1,8288	2,0574
0,9576	*1,4986	1,5494	1,7272	1,651	1,5494	1,7272	1,6510	1,5494	1,7272
1,1970	*1,397	1,3462	1,524	1,4732	1,3462	1,5240	1,4732	1,3462	1,5240
1,4364	*1,2954	1,2192	1,3716	1,3462	1,2192	1,3716	1,3462	1,2192	1,3716
1,6758	1,2446	1,0922	1,2446	1,2446	1,0922	1,2446	1,2446	1,0922	1,2446
1,9152	1,1684	1,0160	1,143	1,1684	1,0160	1,1430	1,1684	1,0160	1,1430
2,1546	1,0922	0,9398	1,0668	1,0922	0,9398	1,0668	1,0922	0,9398	1,0668
2,3940	1,0414	0,8636	0,9906	1,0414	0,8636	0,9906	1,0414	0,8636	0,9906
2,6334	0,9906	0,8128	0,9144	0,9906	0,8128	0,9144	0,9906	0,8128	0,9144
2,8728	0,9398	0,7620	0,8636	0,9398	0,7620	0,8636	0,9398	0,7620	0,8636
3,1122	0,9144	0,7366	0,8128	0,9144	0,7366	0,8128	0,9144	0,7366	0,8128
3,3516	0,8636	0,6858	0,7874	0,8636	0,6858	0,7874	0,8636	0,6858	0,7874
3,5910	0,8382	0,6604	0,7366	0,8382	0,6604	0,7366	0,8382	0,6604	0,7366
3,8304	0,8128	0,6350	0,7112	0,8128	0,6350	0,7112	0,8128	0,6350	0,7112
4,0698	0,7874	0,6096	0,6858	0,7874	0,6096	0,6858	0,7874	0,6096	0,6858
4,3092	0,7620	0,5842	0,6604	0,7620	0,5842	0,6604	0,7620	0,5842	0,6604
4,5486	0,7366	0,5588	0,635	0,7366	0,5588	0,6350	0,7366	0,5588	0,6350
4,7880	0,7366	0,5334	0,6096	0,7366	0,5334	0,6096	0,7366	0,5334	0,6096

Notes:

1. Minimum of 3.81 cm bearing assumed.
2. Connection of panel to supporting structure not investigated.
3. Design thickness assumed 0.005 cm less than nominal thickness.
4. Span lengths indicated by * are controlled by deflection.
5. These load tables conform to the 2005 edition of the "Aluminum Design Manual".
6. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.

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