

1.5E ALLOWABLE UNIFORM LOADS ROOF NON-SNOW 125%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLVL

Span (ft)	Key	One 1 3/4" 1.5E PWLVL							
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"
6	LL	96	374	-	-	-	-	-	-
	TL	99	388	736	992	1026	1278	1375	1732
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.5	3 / 7.4	3.1 / 7.7	3.8 / 9.6	4.1 / 10.3	5.2 / 13
7	LL	-	-	-	-	-	-	-	-
	TL	53	208	479	819	846	1045	1120	1394
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.9 / 7.2	3 / 7.4	3.7 / 9.1	3.9 / 9.8	4.9 / 12.2
8	LL	-	-	-	-	-	-	-	-
	TL	-	121	279	698	720	883	945	1165
	BRG	-	1.5 / 3	1.5 / 3	2.8 / 7	2.9 / 7.2	3.5 / 8.8	3.8 / 9.4	4.7 / 11.6
9	LL	-	-	-	528	572	-	-	-
	TL	-	75	173	593	623	765	817	1001
	BRG	-	1.5 / 3	1.5 / 3	2.7 / 6.7	2.8 / 7	3.4 / 8.6	3.7 / 9.2	4.5 / 11.3
10	LL	-	-	-	385	417	-	-	-
	TL	-	48	112	479	504	674	719	877
	BRG	-	1.5 / 3	1.5 / 3	2.4 / 6	2.5 / 6.3	3.4 / 8.4	3.6 / 9	4.4 / 11
11	LL	-	-	-	289	313	520	612	-
	TL	-	32	76	381	413	572	633	780
	BRG	-	1.5 / 3	1.5 / 3	2.1 / 5.3	2.3 / 5.7	3.2 / 7.9	3.5 / 8.7	4.3 / 10.8
12	LL	-	-	-	223	241	401	471	-
	TL	-	-	53	293	317	479	531	703
	BRG	-	-	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.9 / 7.2	3.2 / 8	4.2 / 10.6
13	LL	-	-	-	175	190	315	371	607
	TL	-	-	37	229	249	408	452	616
	BRG	-	-	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.7 / 6.7	3 / 7.4	4 / 10
14	LL	-	-	-	140	152	252	297	486
	TL	-	-	27	183	198	331	389	530
	BRG	-	-	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.8	2.7 / 6.9	3.7 / 9.3
15	LL	-	-	-	114	123	205	241	395
	TL	-	-	-	148	160	268	316	461
	BRG	-	-	-	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 6	3.5 / 8.7
16	LL	-	-	-	94	102	169	199	326
	TL	-	-	-	121	131	220	260	404
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3.3 / 8.2
17	LL	-	-	-	78	85	141	166	272
	TL	-	-	-	100	109	183	216	356
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	3.1 / 7.6
18	LL	-	-	-	66	71	119	140	229
	TL	-	-	-	84	91	153	181	299
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.8
19	LL	-	-	-	61	77	101	119	194
	TL	-	-	-	77	129	153	253	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1
20	LL	-	-	-	87	102	167	177	-
	TL	-	-	-	110	130	216	216	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.4	2.2 / 5.5
21	LL	-	-	-	75	88	144	144	-
	TL	-	-	-	95	112	186	186	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3.1	1.5 / 3.1	2 / 5
22	LL	-	-	-	65	76	125	125	-
	TL	-	-	-	82	97	161	161	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6
23	LL	-	-	-	-	-	67	110	-
	TL	-	-	-	-	-	84	140	-
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3	1.7 / 4.2
24	LL	-	-	-	-	-	-	96	-
	TL	-	-	-	-	-	-	122	-
	BRG	-	-	-	-	-	-	1.5 / 3.8	-
25	LL	-	-	-	-	-	-	85	-
	TL	-	-	-	-	-	-	107	-
	BRG	-	-	-	-	-	-	1.5 / 3.5	-
26	LL	-	-	-	-	-	-	76	-
	TL	-	-	-	-	-	-	95	-
	BRG	-	-	-	-	-	-	1.5 / 3.3	-
27	LL	-	-	-	-	-	-	68	-
	TL	-	-	-	-	-	-	84	-
	BRG	-	-	-	-	-	-	1.5 / 3	-
28	LL	-	-	-	-	-	-	61	-
	TL	-	-	-	-	-	-	75	-
	BRG	-	-	-	-	-	-	1.5 / 3	-
29	LL	-	-	-	-	-	-	-	-
	TL	-	-	-	-	-	-	-	-
	BRG	-	-	-	-	-	-	-	-
30	LL	-	-	-	-	-	-	-	-
	TL	-	-	-	-	-	-	-	-
	BRG	-	-	-	-	-	-	-	-

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.

1.5E ALLOWABLE UNIFORM LOADS ROOF NON-SNOW 125%

P
W
L
V
L
1 3/4"
1.5E
R
O
O
F
U
N
I
F
O
R
M
L
O
A
D
S

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLVL

Span (ft)	Key	Two 1 3/4" 1.5E PWLVL												
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"	18"	20"	22"	23 7/8"
6	LL	193	749	-	-	-	-	-	-	-	-	-	-	-
	TL	198	775	1472	1984	2052	2556	2750	3465	4234	5117	6142	7345	8681
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.5	3 / 7.4	3.1 / 7.7	3.8 / 9.6	4.1 / 10.3	5.2 / 13	6.3 / 15.8	7.7 / 19.1	9.2 / 23	11 / 27.4	13 / 32.4
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	105	416	958	1638	1693	2090	2240	2787	3361	4001	4720	5534	6401
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.9 / 7.2	3 / 7.4	3.7 / 9.1	3.9 / 9.8	4.9 / 12.2	5.9 / 14.7	7 / 17.5	8.2 / 20.6	9.7 / 24.1	11.2 / 27.9
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	242	559	1395	1440	1767	1889	2331	2785	3284	3832	4438	5067	-
	BRG	1.5 / 3	1.5 / 3	2.8 / 7	2.9 / 7.2	3.5 / 8.8	3.8 / 9.4	4.7 / 11.6	5.6 / 13.9	6.6 / 16.4	7.7 / 19.1	8.9 / 22.2	10.1 / 25.3	-
9	LL	-	-	1056	1143	-	-	-	-	-	-	-	-	-
	TL	149	346	1185	1246	1530	1633	2002	2378	2784	3224	3703	4192	-
	BRG	1.5 / 3	1.5 / 3	2.7 / 6.7	2.8 / 7	3.4 / 8.6	3.7 / 9.2	4.5 / 11.3	5.3 / 13.4	6.3 / 15.7	7.2 / 18.1	8.3 / 20.8	9.4 / 23.6	-
10	LL	-	-	769	834	-	-	-	-	-	-	-	-	-
	TL	96	225	958	1008	1349	1438	1754	2074	2415	2782	3176	3574	-
	BRG	1.5 / 3	1.5 / 3	2.4 / 6	2.5 / 6.3	3.4 / 8.4	3.6 / 9	4.4 / 11	5.2 / 13	6 / 15.1	7 / 17.4	7.9 / 19.9	8.9 / 22.3	-
11	LL	-	-	578	626	1040	1223	-	-	-	-	-	-	-
	TL	64	152	762	826	1143	1266	1561	1838	2132	2446	2780	3114	-
	BRG	1.5 / 3	1.5 / 3	2.1 / 5.3	2.3 / 5.7	3.2 / 7.9	3.5 / 8.7	4.3 / 10.8	5.1 / 12.7	5.9 / 14.7	6.7 / 16.8	7.7 / 19.1	8.6 / 21.4	-
12	LL	-	-	445	482	801	942	-	-	-	-	-	-	-
	TL	105	585	635	959	1062	1406	1650	1909	2182	2471	2758	-	-
	BRG	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.9 / 7.2	3.2 / 8	4.2 / 10.6	5 / 12.4	5.7 / 14.3	6.6 / 16.4	7.4 / 18.6	8.3 / 20.7	-	-
13	LL	-	-	350	379	630	741	1214	-	-	-	-	-	-
	TL	74	459	497	815	903	1232	1497	1727	1969	2224	2475	-	-
	BRG	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.7 / 6.7	3 / 7.4	4 / 10	4.9 / 12.2	5.6 / 14.1	6.4 / 16	7.2 / 18.1	8.1 / 20.2	-	-
14	LL	-	-	280	304	504	593	972	-	-	-	-	-	-
	TL	54	365	396	662	777	1060	1364	1577	1794	2021	2244	-	-
	BRG	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.8	2.7 / 6.9	3.7 / 9.3	4.8 / 12	5.5 / 13.9	6.3 / 15.8	7.1 / 17.7	7.9 / 19.7	-	-
15	LL	-	-	228	247	410	482	790	1180	-	-	-	-	-
	TL	296	321	537	632	922	1186	1450	1647	1852	2053	-	-	-
	BRG	1.5 / 3	1.5 / 3.1	1.5 / 3.1	2 / 5.1	2.4 / 6	3.5 / 8.7	4.5 / 11.2	5.5 / 13.7	6.2 / 15.5	7 / 17.4	7.7 / 19.3	-	-
16	LL	-	-	188	204	338	397	651	972	-	-	-	-	-
	TL	242	263	440	519	809	1041	1299	1522	1709	1891	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3.3 / 8.2	4.2 / 10.5	5.2 / 13.1	6.1 / 15.3	6.9 / 17.2	7.6 / 19	-	-	-
17	LL	-	-	157	170	282	331	543	811	-	-	-	-	-
	TL	200	218	365	431	711	920	1149	1402	1586	1752	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	3.1 / 7.6	3.9 / 9.9	4.9 / 12.3	6 / 15	6.8 / 17	7.5 / 18.7	-	-	-
18	LL	-	-	132	143	237	279	457	683	972	-	-	-	-
	TL	168	182	306	361	597	819	1023	1249	1479	1633	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.8	3.7 / 9.3	4.6 / 11.6	5.7 / 14.2	6.7 / 16.8	7.4 / 18.5	-	-	-
19	LL	-	-	122	202	237	389	581	827	-	-	-	-	-
	TL	153	259	306	506	734	917	1119	1339	1528	-	-	-	-
	BRG	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1	3.5 / 8.8	4.4 / 11	5.4 / 13.4	6.4 / 16	7.3 / 18.3	-	-	-	-
20	LL	-	-	173	204	333	498	709	972	-	-	-	-	-
	TL	220	261	432	649	826	1008	1207	1408	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3.3 / 8.2	4.2 / 10.5	5.1 / 12.7	6.1 / 15.2	7.1 / 17.8	-	-	-	-	-
21	LL	-	-	149	176	288	430	612	840	-	-	-	-	-
	TL	189	224	371	559	747	912	1093	1276	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3.1	2 / 5	3 / 7.5	4 / 10	4.9 / 12.1	5.8 / 14.5	6.8 / 16.9	-	-	-	-	-
22	LL	-	-	130	153	251	374	532	730	972	-	-	-	-
	TL	163	193	321	484	680	830	994	1160	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.8 / 9.5	4.6 / 11.6	5.5 / 13.9	6.5 / 16.2	-	-	-	-	-
23	LL	-	-	134	219	327	466	639	851	-	-	-	-	-
	TL	168	280	422	605	758	908	1060	-	-	-	-	-	-
	BRG	1.5 / 3	1.7 / 4.2	2.5 / 6.2	3.6 / 8.9	4.4 / 11.1	5.3 / 13.3	6.2 / 15.4	-	-	-	-	-	-
24	LL	-	-	193	288	410	563	749	957	-	-	-	-	-
	TL	245	370	530	694	832	971	-	-	-	-	-	-	-
	BRG	1.5 / 3.8	2.3 / 5.7	3.3 / 8.2	4.2 / 10.6	5.1 / 12.7	5.9 / 14.8	-	-	-	-	-	-	-
25	LL	-	-	171	255	363	498	663	847	-	-	-	-	-
	TL	215	325	467	638	765	894	-	-	-	-	-	-	-
	BRG	1.5 / 3.5	2.1 / 5.3	3 / 7.5	4.1 / 10.2	4.9 / 12.2	5.7 / 14.2	-	-	-	-	-	-	-
26	LL	-	-	152	227	323	443	589	753	-	-	-	-	-
	TL	190	288	414	572	706	825	-	-	-	-	-	-	-
	BRG	1.5 / 3.3	2 / 4.9	2.8 / 6.9	3.8 / 9.5	4.7 / 11.7	5.5 / 13.7	-	-	-	-	-	-	-
27	LL	-	-	136	202	288	395	526	672	-	-	-	-	-
	TL	168	255	368	509	653	763	-	-	-	-	-	-	-
	BRG	1.5 / 3	1.8 / 4.5	2.6 / 6.4	3.5 / 8.8	4.5 / 11.3	5.3 / 13.2	-	-	-	-	-	-	-
28	LL	-	-	122	181	258	354	472	603	-	-	-	-	-
	TL	149	227	328	454	606	708	-	-	-	-	-	-	-
	BRG	1.5 / 3	1.7 / 4.2	2.4 / 6	3.3 / 8.2	4.4 / 10.9	5.1 / 12.7	-	-	-	-	-	-	-
29	LL	-	-	163	232	319	424	543	-	-	-	-	-	-
	TL	203	294	407	546	659	-	-	-	-	-	-	-	-
	BRG	1.6 / 3.9	2.2 / 5.6	3.1 / 7.7	4.1 / 10.2	4.9 / 12.3	-	-	-	-	-	-	-	-
30	LL	-	-	147	210	288	383	490	-	-	-	-	-	-
	TL	182	264	366	491	614	-	-	-	-	-	-	-	-
	BRG	1.5 / 3.7	2.1 / 5.2	2.9 / 7.2	3.8 / 9.5	4.7 / 11.8	-	-	-	-	-	-	-	-

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.

1.5E ALLOWABLE UNIFORM LOADS ROOF NON-SNOW 125%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLV L

Span (ft)	Key	Three 1 3/4" 1.5E PWLV L												
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"	18"	20"	22"	23 7/8"
6	LL	289	1123	-	-	-	-	-	-	-	-	-	-	-
	TL	297	1163	2208	2976	3078	3835	4124	5197	6351	7675	9213	11018	13021
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.5	3 / 7.4	3.1 / 7.7	3.8 / 9.6	4.1 / 10.3	5.2 / 13	6.3 / 15.8	7.7 / 19.1	9.2 / 23	11 / 27.4	13 / 32.4
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	158	624	1437	2458	2539	3135	3360	4181	5041	6002	7080	8301	9601
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.9 / 7.2	3 / 7.4	3.7 / 9.1	3.9 / 9.8	4.9 / 12.2	5.9 / 14.7	7 / 17.5	8.2 / 20.6	9.7 / 24.1	11.2 / 27.9
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	-	363	838	2093	2160	2650	2834	3496	4178	4925	5748	6657	7601
	BRG	-	1.5 / 3	1.5 / 3	2.8 / 7	2.9 / 7.2	3.5 / 8.8	3.8 / 9.4	4.7 / 11.6	5.6 / 13.9	6.6 / 16.4	7.7 / 19.1	8.9 / 22.2	10.1 / 25.3
9	LL	-	-	-	1583	1715	-	-	-	-	-	-	-	-
	TL	-	224	519	1778	1869	2295	2450	3003	3567	4175	4836	5555	6288
	BRG	-	1.5 / 3	1.5 / 3	2.7 / 6.7	2.8 / 7	3.4 / 8.6	3.7 / 9.2	4.5 / 11.3	5.3 / 13.4	6.3 / 15.7	7.2 / 18.1	8.3 / 20.8	9.4 / 23.6
10	LL	-	-	-	1154	1250	-	-	-	-	-	-	-	-
	TL	-	144	337	1438	1512	2023	2157	2632	3110	3623	4173	4764	5361
	BRG	-	1.5 / 3	1.5 / 3	2.4 / 6	2.5 / 6.3	3.4 / 8.4	3.6 / 9	4.4 / 11	5.2 / 13	6 / 15.1	7 / 17.4	7.9 / 19.9	8.9 / 22.3
11	LL	-	-	-	867	939	1560	1835	-	-	-	-	-	-
	TL	-	96	227	1144	1240	1715	1898	2341	2757	3199	3669	4170	4671
	BRG	-	1.5 / 3	1.5 / 3	2.1 / 5.3	2.3 / 5.7	3.2 / 7.9	3.5 / 8.7	4.3 / 10.8	5.1 / 12.7	5.9 / 14.7	6.7 / 16.8	7.7 / 19.1	8.6 / 21.4
12	LL	-	-	-	668	724	1202	1413	-	-	-	-	-	-
	TL	-	-	158	878	952	1438	1593	2109	2475	2863	3273	3707	4138
	BRG	-	-	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.9 / 7.2	3.2 / 8	4.2 / 10.6	5 / 12.4	5.7 / 14.3	6.6 / 16.4	7.4 / 18.6	8.3 / 20.7
13	LL	-	-	-	525	569	945	1112	1821	-	-	-	-	-
	TL	-	-	112	688	746	1223	1355	1847	2246	2591	2953	3336	3713
	BRG	-	-	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.7 / 6.7	3 / 7.4	4 / 10	4.9 / 12.2	5.6 / 14.1	6.4 / 16	7.2 / 18.1	8.1 / 20.2
14	LL	-	-	-	421	456	757	890	1458	-	-	-	-	-
	TL	-	-	81	548	595	994	1166	1590	2045	2365	2690	3031	3367
	BRG	-	-	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.8	2.7 / 6.9	3.7 / 9.3	4.8 / 12	5.5 / 13.9	6.3 / 15.8	7.1 / 17.7	7.9 / 19.7
15	LL	-	-	-	342	370	615	724	1186	1770	-	-	-	-
	TL	-	-	-	443	481	805	949	1383	1779	2175	2470	2778	3079
	BRG	-	-	-	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 6	3.5 / 8.7	4.5 / 11.2	5.5 / 13.7	6.2 / 15.5	7 / 17.4	7.7 / 19.3
16	LL	-	-	-	282	305	507	596	977	1458	-	-	-	-
	TL	-	-	-	363	394	661	779	1213	1561	1949	2283	2563	2836
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3.3 / 8.2	4.2 / 10.5	5.2 / 13.1	6.1 / 15.3	6.9 / 17.2	7.6 / 19
17	LL	-	-	-	235	254	423	497	815	1216	-	-	-	-
	TL	-	-	-	301	326	548	647	1067	1380	1724	2103	2379	2629
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	3.1 / 7.6	3.9 / 9.9	4.9 / 12.3	6 / 15	6.8 / 17	7.5 / 18.7
18	LL	-	-	-	198	214	356	419	686	1024	1458	-	-	-
	TL	-	-	-	251	273	459	542	896	1229	1535	1873	2219	2449
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.8	3.7 / 9.3	4.6 / 11.6	5.7 / 14.2	6.7 / 16.8	7.4 / 18.5
19	LL	-	-	-	182	303	356	583	871	1240	-	-	-	-
	TL	-	-	-	230	388	459	759	1101	1375	1678	2009	2292	-
	BRG	-	-	-	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1	3.5 / 8.8	4.4 / 11	5.4 / 13.4	6.4 / 16	7.3 / 18.3	-
20	LL	-	-	-	260	305	500	747	1063	1458	-	-	-	-
	TL	-	-	-	-	331	391	648	974	1239	1512	1810	2113	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3.3 / 8.2	4.2 / 10.5	5.1 / 12.7	6.1 / 15.2	7.1 / 17.8	-
21	LL	-	-	-	224	264	432	645	918	1260	-	-	-	-
	TL	-	-	-	-	284	335	557	838	1121	1369	1639	1913	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3.1	2 / 5	3 / 7.5	4 / 10	4.9 / 12.1	5.8 / 14.5	6.8 / 16.9	-
22	LL	-	-	-	195	229	376	561	799	1096	1458	-	-	-
	TL	-	-	-	245	290	482	726	1019	1245	1491	1740	-	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.8 / 9.5	4.6 / 11.6	5.5 / 13.9	6.5 / 16.2	-
23	LL	-	-	-	-	201	329	491	699	959	1276	-	-	-
	TL	-	-	-	-	251	419	633	907	1137	1362	1590	-	-
	BRG	-	-	-	-	-	1.5 / 3	1.7 / 4.2	2.5 / 6.2	3.6 / 8.9	4.4 / 11.1	5.3 / 13.3	6.2 / 15.4	-
24	LL	-	-	-	-	-	-	289	432	615	844	1123	1436	-
	TL	-	-	-	-	-	-	367	554	796	1042	1248	1457	-
	BRG	-	-	-	-	-	-	1.5 / 3.8	2.3 / 5.7	3.3 / 8.2	4.2 / 10.6	5.1 / 12.7	5.9 / 14.8	-
25	LL	-	-	-	-	-	-	256	382	544	747	994	1270	-
	TL	-	-	-	-	-	-	322	488	701	958	1148	1340	-
	BRG	-	-	-	-	-	-	1.5 / 3.5	2.1 / 5.3	3 / 7.5	4.1 / 10.2	4.9 / 12.2	5.7 / 14.2	-
26	LL	-	-	-	-	-	-	228	340	484	664	883	1129	-
	TL	-	-	-	-	-	-	284	431	621	858	1059	1237	-
	BRG	-	-	-	-	-	-	1.5 / 3.3	2 / 4.9	2.8 / 6.9	3.8 / 9.5	4.7 / 11.7	5.5 / 13.7	-
27	LL	-	-	-	-	-	-	203	303	432	593	789	1008	-
	TL	-	-	-	-	-	-	252	383	552	763	980	1145	-
	BRG	-	-	-	-	-	-	1.5 / 3	1.8 / 4.5	2.6 / 6.4	3.5 / 8.8	4.5 / 11.3	5.3 / 13.2	-
28	LL	-	-	-	-	-	-	182	272	387	531	707	904	-
	TL	-	-	-	-	-	-	224	341	492	681	909	1062	-
	BRG	-	-	-	-	-	-	1.5 / 3	1.7 / 4.2	2.4 / 6	3.3 / 8.2	4.4 / 10.9	5.1 / 12.7	-
29	LL	-	-	-	-	-	-	-	245	349	478	637	814	-
	TL	-	-	-	-	-	-	-	305	440	611	819	988	-
	BRG	-	-	-	-	-	-	-	1.6 / 3.9	2.2 / 5.6	3.1 / 7.7	4.1 / 10.2	4.9 / 12.3	-
30	LL	-	-	-	-	-	-	-	221	315	432	575	735	-
	TL	-	-	-	-	-	-	-	273	395	549	737	921	-
	BRG	-	-	-	-	-	-	-	1.5 / 3.7	2.1 / 5.2	2.9 / 7.2	3.8 / 9.5	4.7 / 11.8	-

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.