FREE CALCULATOR

Tire load index and speed rating chart

What the numbers and letter on a tire's sidewall mean: the load index (how much one tire can carry, in pounds and kilograms) and the speed rating (its tested top speed).

CHART

Tire speed rating chart

SPEED SYMBOL	KM/H	MPH
L	120	75
M	130	81
N	140	87
P	150	93
Q	160	99
R	170	106
S	180	112
T	190	118
U	200	124
H	210	130
V	240	149
W	270	168
Y	300	186
(Y)	over 300	over 186

SPEED SYMBOL	KM/H	MPH
Z	over 240	over 149

CHART

Tire load index chart (60 to 150)

LOAD INDEX	KG PER TIRE	LB PER TIRE
60	250	551
61	257	567
62	265	584
63	272	600
64	280	617
65	290	639
66	300	661
67	307	677
68	315	694
69	325	717
70	335	739
71	345	761
72	355	783
73	365	805
74	375	827
75	387	853
76	400	882
77	412	908
78	425	937

LOAD INDEX	KG PER TIRE	LB PER TIRE
79	437	963
80	450	992
81	462	1,019
82	475	1,047
83	487	1,074
84	500	1,102
85	515	1,135
86	530	1,168
87	545	1,202
88	560	1,235
89	580	1,279
90	600	1,323
91	615	1,356
92	630	1,389
93	650	1,433
94	670	1,477
95	690	1,521
96	710	1,565
97	730	1,609
98	750	1,653
99	775	1,709
100	800	1,764
101	825	1,819
102	850	1,874

LOAD INDEX	KG PER TIRE	LB PER TIRE
103	875	1,929
104	900	1,984
105	925	2,039
106	950	2,094
107	975	2,150
108	1,000	2,205
109	1,030	2,271
110	1,060	2,337
111	1,090	2,403
112	1,120	2,469
113	1,150	2,535
114	1,180	2,601
115	1,215	2,679
116	1,250	2,756
117	1,285	2,833
118	1,320	2,910
119	1,360	2,998
120	1,400	3,086
121	1,450	3,197
122	1,500	3,307
123	1,550	3,417
124	1,600	3,527
125	1,650	3,638
126	1,700	3,748

LOAD INDEX	KG PER TIRE	LB PER TIRE
127	1,750	3,858
128	1,800	3,968
129	1,850	4,079
130	1,900	4,189
131	1,950	4,299
132	2,000	4,409
133	2,060	4,542
134	2,120	4,674
135	2,180	4,806
136	2,240	4,938
137	2,300	5,071
138	2,360	5,203
139	2,430	5,357
140	2,500	5,512
141	2,575	5,677
142	2,650	5,842
143	2,725	6,008
144	2,800	6,173
145	2,900	6,393
146	3,000	6,614
147	3,075	6,779
148	3,150	6,945
149	3,250	7,165
150	3,350	7,385

Free chart from fleetzap.com/tools/tire-load-index-chart