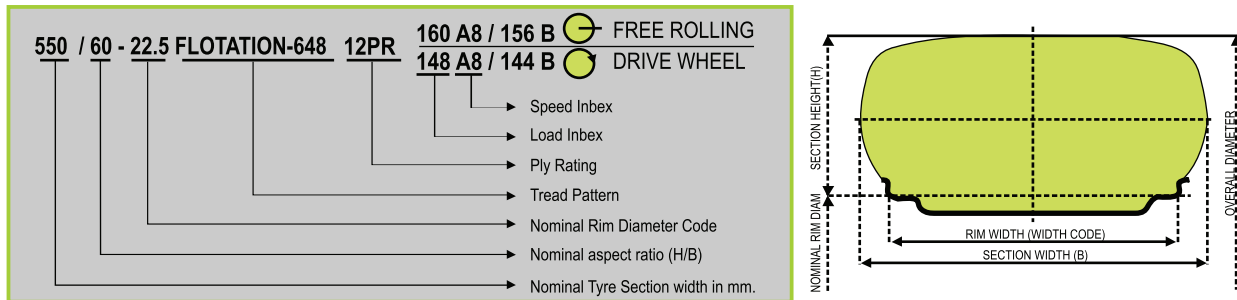


# Tyre Markings

The following drawings gives an example of basic tyre marking.



Besides of the main symbols listed above, some more descriptive symbols are often written on the tyre sidewalls, like :



Travel direction in case of directional tread design;  
Safety warning



Tubeless - Tyres without tube.  
Drive and free rolling wheels.

## Load Index & Speed Symbol

According to ETRTO (The European Tyre and Rim Technical Organisation), as well as to ECE (Economic Commission for Europe-UN Institution Geneva), the maximum load capacity, as well as the maximum speed are indicated by Load Index and Speed symbol.

Load Index	Load kgs	Load Index	Load kgs	Load Index	Load kgs	Load Index	Load kgs	Speed Symbol	Speed KMPH
100	800	130	1900	160	4500	190	10600	A1	5
101	825	131	1950	161	4625	191	10900	A2	10
102	850	132	2000	162	4750	192	11200	A3	15
103	875	133	2060	163	4875	193	11500	A4	20
104	900	134	2120	164	5000	194	11800	A5	25
105	925	135	2180	165	5150	195	12150	A6	30
106	950	136	2240	166	5300	196	12500	A7	35
107	975	137	2300	167	5450	197	12850	A8	40
108	1000	138	2360	168	5600	198	13200	B	50
109	1030	139	2430	169	5800	199	13600	C	60
110	1060	140	2500	170	6000	200	14000	D	65
111	1090	141	2575	171	6150	201	14500	E	70
112	1120	142	2650	172	6300	202	15000	F	80
113	1150	143	2725	173	6500	203	15500	G	90
114	1180	144	2800	174	6700	204	16000	J	100
115	1215	145	2900	175	6900	205	16500	K	110
116	1250	146	3000	176	7100	206	17000	L	120
117	1285	147	3075	177	7300	207	17500	M	130
118	1320	148	3150	178	7500	208	18000	N	140
119	1360	149	3250	179	7750	209	18500	P	150
120	1400	150	3350	180	8000	210	19000	Q	160
121	1450	151	3450	181	8250	211	19500	R	170
122	1500	152	3550	182	8500	212	20000	S	180
123	1550	153	3650	183	8750	213	20600	T	190
124	1600	154	3750	184	9000	214	21200	U	200
125	1650	155	3875	185	9250	215	21800	H	210
126	1700	156	4000	186	9500	216	22400	V	240
127	1750	157	4125	187	9750	217	23000	W	270
128	1800	158	4250	188	10000	218	23800	Y	300
129	1850	159	4375	189	10300	219	24300		

The LOAD INDEX is a numerical code associated with the maximum load a tyre can carry at the speed indicated by its Speed Symbol under service conditions specified by the manufacturer.

The SPEED SYMBOL indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index under service conditions specified by the manufacturer.