OTANI®

RADIAL TRUCK TIRE CATALOG 2018

11/2018

OTANI

OH-101 OH-102 OH-104 OH-105 OH-106 OH-107 OH-108 OH-109 OH-110 OH-111 OH-112

RIM DIAMETER	TIRE SIZE	PR	PATTERN	TYPE	LOAD INDEX SPEED SYMBOL	STANDARD RIM WIDTH	MAX LOAD SINGLE		MAX LOAD DUAL		RELATIVE PRESSURE		TREAD DEPTH	INFLATED DIMENSION (mm)	
						inch	kgs	lbs	kgs	lbs	psi	kPa	mm	SECTION WIDTH	OVERALL DIAMETER
16″	7.00R16	12	OH-112	TL	117/116 L	5.50	1285	2810	1250	2700	90	620	13	192	777
			OH-311	TL	117/116 L	5.50	1285	2810	1250	2700	90	620	16	204	783
	7.50R16	14	OH-112	TL	122/118 L	6.00	1500	3305	1320	2910	100	690	13	206	808
			OH-201	TL	122/118 L	6.00	1500	3305	1320	2910	100	690	13	215	809
			OH-314	TL	122/118 L	6.00	1500	3305	1320	2910	100	690	14	211	808
	8.25R16	16	OH-112	TL	132/130 L	6 50	2000	4410	1900	4190	116	800	14	225	858
			OH-201	TL	132/130 L	6.50	2000	4410	1900	4190	116	800	14	225	858
			OH-314	TL	132/130 L	6.50	2000	4410	1900	4190	116	800	14	230	858
17.5″	9.5R17.5	14	OH-112	TL	129/127 L	6.75	1850	4080	1750	3860	110	760	14	232	842
			NEW OH-117	TL	129/127 L	6.75	1850	4080	1750	3860	110	760	14	232	842
			OH-311	TL	129/127 L	675	1850	4080	1750	3860	110	760	14	238	844
		18	OH-112	TL	143/141 J	6.75	2725	6010	2575	5680	125	860	14	232	842
			NEW OH-117	TL	143/141 J	6.75	2725	6010	2575	5680	125	860	14	232	842
			OH-311	TL	143/141 J	6.75	2725	6010	2575	5680	125	860	14	238	844
	215/75R17.5	12	OH-109	TL	126/124M	6.00	1700	3740	1600	3520	102	700	10	210	768
			OH-112	TL	126/124M	6.00	1700	3740	1600	3520	102	700	14	210	768
			OH-115	TL	126/124M	6.00	1700	3740	1600	3520	102	700	12	210	769
			NEW OH-117	TL	126/124M	6.00	1700	3740	1600	3520	102	700	13	210	768
			OH-207	TL	126/124M	6.00	1700	3740	1600	3520	102	700	13	210	769
		14	OH-311	TL	128/126M	6.00	1800	3970	1700	3740	110	760	13	210	771
		16	OH-109	TL	135/133 K	6.00	2180	4805	2060	4540	125	860	10	210	768
			OH-112	TL	135/133 K	6.00	2180	4805	2060	4540	125	860	14	210	768
			OH-115	TL	135/133 K	6.00	2180	4805	2060	4540	125	860	12	210	769
			NEW OH-117	TL	135/133 K	6.00	2180	4805	2060	4540	125	860	13	210	768
			OH-311	TL	135/133 K	6.00	2180	4805	2060	4540	125	860	13	210	771
		18	OH-115	TL	143/141 J	6.00	2725	6010	2575	5680	125	860	12	210	769
	225/75R17.5	12	NEW OH-115	TL	129/127M	6.75	1850	4080	1750	3860	105	725	13	228	781
			NEW OH-311	TL	129/127M	6.75	1850	4080	1750	3860	105	725	15	225	786
	225/80R17.5	14	OH-112	TL	123/122 L	6.00	1550	3415	1500	3305	102	700	13	224	810
			NEW OH-311	TL	123/122 L	6.00	1550	3415	1500	3305	102	700	16	215	808
	235/75R17.5	14	OH-115	TL	132/130M	6.75	2000	4410	1900	4190	112	775	13	235	800
			OH-311	TL	132/130M	6.75	2000	4410	1900	4190	112	775	13	235	800
		18	OH-115	TL	143/141 J	6.75	2725	6010	2575	5680	125	860	13	235	800
			OH-311	TL	143/141 J	6.75	2725	6010	2575	5680	125	860	13	235	800
	245/70R17.5	18	NEW OH-115	TL	143/141 J 144/144 F	7.50	2725	6010	2575	5680	125	860	13	245	788
19.5″	225/70R19.5	14	OH-152	TL	128/126 L	6.75	1800	3970	1700	3750	110	760	13.5	225	816
			OH-650	TL	128/126 L	6.75	1800	3970	1700	3750	110	760	15	225	820

OH-113 OH -115 OH-116 OH-117 OH-118 OH-119 OH-150 OH-151 OH-152 OH-153 OH-201

RIM DIAMETER	TIRE SIZE	PR	PATTERN	TYPE	LOAD INDEX SPEED SYMBOL	STANDARD RIM WIDTH	MAX LOAD SINGLE		MAX LOAD DUAL		RELATIVE PRESSURE		TREAD DEPTH	INFLATED DIMENSION (mm)	
						inch	kgs	lbs	kgs	lbs	psi	kPa	mm	SECTION WIDTH	OVERALL DIAMETER
19.5″	245/70R19.5	14	OH-152	TL	133/131 L	7.50	2060	4540	1950	4300	110	760	13.5	245	840
		16	NEW OH-115	TL	136/134 L	7.50	2240	4940	2120	4675	120	830	15	250	845
			NEW OH-311	TL	136/134 L	7.50	2240	4940	2120	4675	120	830	15	250	845
	265/70R19.5	18	OH-204	TL	143/141 J	7.50	2725	6010	2575	5680	125	860	14	258	870
			OH-303	TL	143/141 J	7.50	2725	6010	2575	5680	125	860	16	265	869
	285/70R19.5	18	NEW OH-108	TL	150/148 J	8.25	3350	7390	3150	6940	130	900	14	281	896
	385/55R19.5	18	OH-111	TL	156 J	12.50	4000	8820	-	-	125	860	14	386	917
	435/50R19.5	22	OH-111	TL	160 J	14.00	4500	9920	-	-	130	900	12.5	440	926
	445/45R19.5	22	OH-111	TL	160 J	15.00	4500	9920	-	-	130	900	13.5	448	901
20″	7.50R20	14	OH-211	TT	122/118 L	6.00	1900	4190	1800	3970	120	830	12	215	934
	8.25R20	16	OH-303	TT	139/137 K	6.50	2430	5355	2300	5070	135	930	16.0	236	972
	9.00R20	14	OH-101	TT	140/137 L	7.00	2500	5510	2300	5070	105	725	15	256	1022
	10.00R20	16	OH-101	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	16	276	1058
			OH-107	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	15	275	1053
			OH-201	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	18	276	1058
			OH-228	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	17	279	1058
			OH-301	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	18	277	1060
			OH-303	TT	147/143 L	7.50	3075	6780	2725	6005	116	800	18	274	1058
		18	OH-321	TT	149/145 J	7.50	3250	7160	2900	6395	135	930	21	272	1065
	11.00R20	16	OH-101	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	16	295	1089
			OH-106	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	14	285	1083
			OH-117	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	15.5	290	1079
			OH-201	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	16	295	1089
			OH-208	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	16	290	1087
			OH-301	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	19	288	1093
			OH-303	TT	150/146 K	8.00	3350	7390	3000	6610	120	830	20	283	1096
	12.00R20	18	OH-201	TT	154/150 K	8.50	3750	8270	3350	7390	125	860	17	310	1124
			OH-305	TT	154/150 K	8.50	3750	8270	3350	7390	125	860	18	310	1128
		20	OH-403	TT	156/153 G	8.50	4000	8820	3650	8050	130	900	23	314	1137
22.5″	10R22.5	14	OH-152	TL	141/139 L	7.50	2575	5675	2430	5355	115	790	13.5	254	1020
	11R22.5	14	OH-150	TL	144/142 L	8.25	2800	6175	2650	5840	105	720	14	277	1052
			OH-151	TL	144/142 L	8.25	2800	6175	2650	5840	105	720	10.5	277	1043
		16	OH-101	TL	148/145M	8.25	3150	6940	2900	6395	125	860	17	280	1055
			OH-104	TL	148/145M	8.25	3150	6940	2900	6395	125	860	14	280	1050
			OH-107	TL	148/145M	8.25	3150	6940	2900	6395	125	860	15	280	1055
			OH-113	TL	148/145M	8.25	3150	6940	2900	6395	125	860	15	277	1053
			NEW OH-117	TL	148/145M	8.25	3150	6940	2900	6395	125	860	15	280	1053

OH-202 OH-203 OH-204 OH-205 OH-206 OH-207 OH-208 OH-209 OH-210 OH-211 OH-228

RIM DIAMETER	TIRE SIZE	PR	PATTERN	TYPE	LOAD INDEX SPEED SYMBOL	STANDARD RIM WIDTH	MAX LOAD SINGLE		MAX LOAD DUAL		RELATIVE PRESSURE		TREAD DEPTH	INFLATED DIMENSION (mm)	
						inch	kgs	lbs	kgs	lbs	psi	kPa	mm	SECTION WIDTH	OVERALL DIAMETER
22.5″	11R22.5	16	OH-118	TL	148/145 L	8.25	3150	6940	2900	6395	125	860	14	279	1059
			OH-150	TL	146/143 L	8.25	3000	6610	2725	6005	120	860	14	277	1052
			OH-153	TL	146/143 L	8.25	3000	6610	2725	6005	120	830	15	276	1053
			OH-201	TL	148/145 L	8.25	3150	6940	2900	6395	125	860	16	280	1055
			OH-205	TL	148/145 L	8.25	3150	6940	2900	6395	125	860	16	280	1051
			OH-301	TL	148/145M	8.25	3150	6940	2900	6395	125	860	19	280	1061
			OH-302	TL	148/145 F	8.25	3150	6940	2900	6395	125	860	23	280	1067
			OH-303	TL	148/145 L	8.25	3150	6940	2900	6395	125	860	18	280	1058
			NEW OH-312	TL	148/145 K	8.25	3150	6940	2900	6395	125	860	21	283	1067
			OH-350	TL	146/143 L	8.25	3000	6610	2725	6005	120	860	20	277	1064
			OH-351	TL	146/143 L	8.25	3000	6610	2725	6005	120	860	20.5	284	1064
	12R22.5	16	OH-101	TL	152/148M	9.00	3550	7830	3150	6940	125	860	16	306	1090
			OH-107	TL	152/148M	9.00	3550	7830	3150	6940	125	860	16	300	1088
			OH-301	TL	152/148M	9.00	3550	7830	3150	6940	125	860	22	309	1100
		18	OH-209	TL	152/149 K	9.00	3550	7830	3250	7160	125	860	16	298	1082
			OH-305	TL	152/149 K	9.00	3550	7830	3250	7160	135	930	18	302	1089
			OH-312	TL	152/149 K	9.00	3550	7830	3250	7160	125	860	22	300	1089
			OH-403	TL	154/150 G	9.00	3750	8270	3350	7390	125	860	23	302	1106
	13R22.5	18	OH-210	TL	156/150 K	9.75	4000	8820	3350	7390	125	860	18.5	319	1120
			OH-312	TL	156/150 K	9.75	4000	8820	3350	7390	125	860	22	317	1131
			OH-403	TL	156/150 G	9.75	4000	8820	3350	7390	125	860	25	319	1140
	255/70R22.5	16	OH-105	TL	140/137 L	7.50	2500	5510	2300	5070	120	830	13	250	935
			OH-152	TL	140/137 L	7.50	2500	5510	2300	5070	120	830	11	254	1020
	275/70R22.5	16	OH-107	TL	148/145M	8.25	3150	6940	2900	6395	130	900	15	276	963
			NEW OH-501	TL	150/148 J 152/148 E	8.25	3150	6940	2900	6395	125	860	21	283	1067
	275/80R22.5	16	OH-101	TL	149/146M	8.25	3250	7160	3000	6610	125	860	16	271	1021
			OH-302	TL	149/146 G	8.25	3250	7160	3000	6610	125	860	20	271	1029
	295/60R22.5	16	NEW OH-107	TL	150/147 K 149/146 L	9.00	3350	7390	3075	6780	130	900	12	287	925
			NEW OH-311	TL	150/147 K 149/146 L	9.00	3350	7390	3075	6780	130	900	18	287	937
	295/75R22.5	14	OH-105	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	16	286	1026
			OH-150	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	14	298	1014
			OH-151	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	10	288	1016
			NEW OH-153	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	15	295	1024
			OH-350	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	20.5	290	1036
			OH-351	TL	144/141 L	9.00	2800	6175	2575	5675	110	760	20	288	1035
		16	OH-104	TL	148/145M	9.00	3150	6940	2900	6395	125	860	14	286	1024

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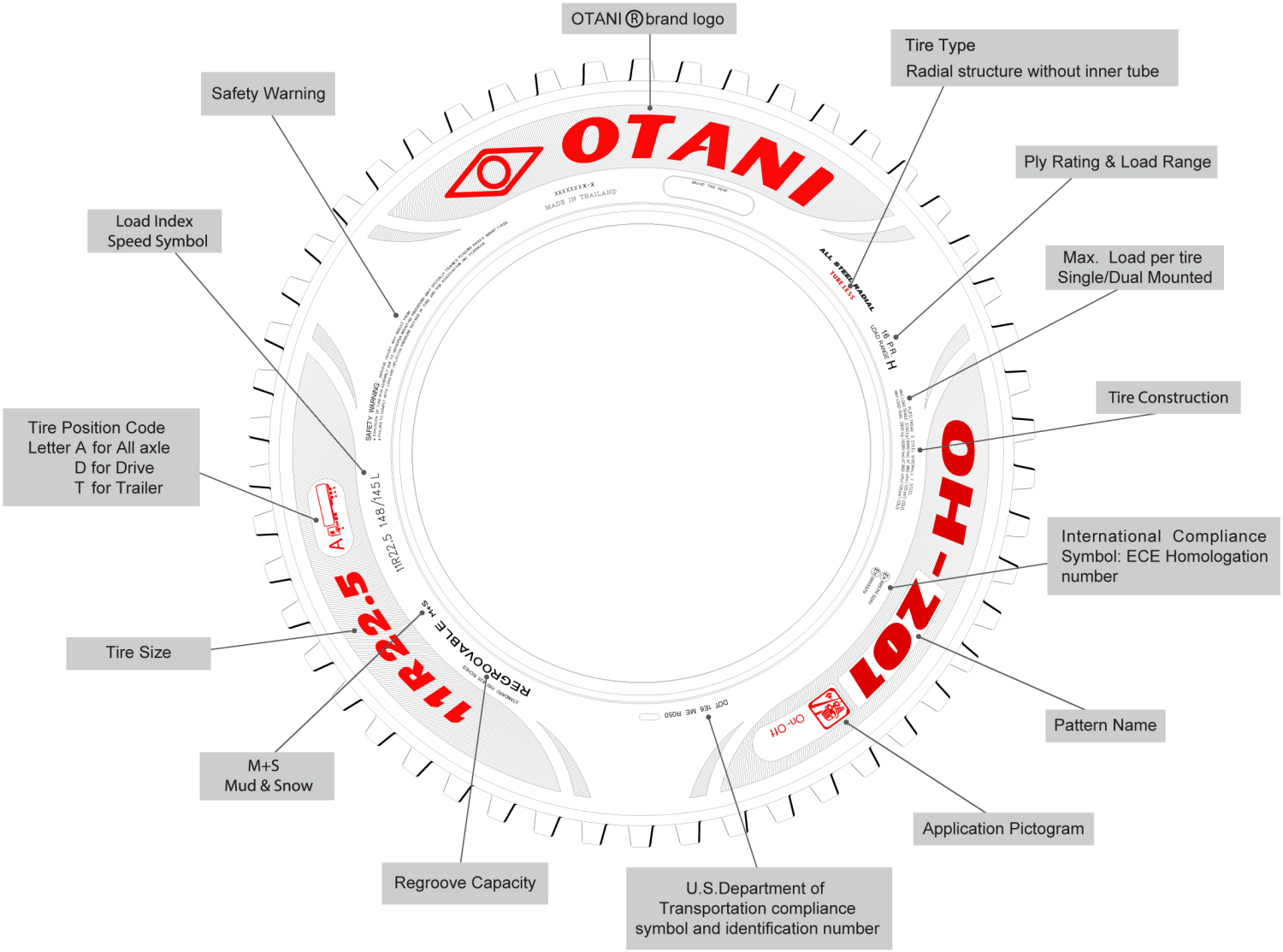
OH-301 OH-302 OH-303 OH-305 OH-306 OH-311 OH-312 OH-314 OH-315 OH-318 OH-319

RIM DIAMETER	TIRE SIZE	PR	PATTERN	TYPE	LOAD INDEX SPEED SYMBOL	STANDARD RIM WIDTH	MAX LOAD SINGLE		MAX LOAD DUAL		RELATIVE PRESSURE		TREAD DEPTH	INFLATED DIMENSION (mm)	
						inch	kgs	lbs	kgs	lbs	psi	kPa	mm	SECTION WIDTH	OVERALL DIAMETER
22.5″	295/75R22.5	16	OH-301	TL	148/145M	9.00	3150	6940	2900	6395	125	860	22	288	1038
	295/80R22.5	16	OH-101	TL	152/148M	9.00	3550	7830	3150	6940	125	860	17	300	1055
			OH-107	TL	152/148M	9.00	3550	7830	3150	6940	125	860	15	300	1050
			OH-116	TL	152/148M	9.00	3550	7830	3150	6940	125	860	14	300	1052
			OH-201	TL	152/148M	9.00	3550	7830	3150	6940	125	860	17	300	1052
			OH-206	TL	152/148M	9.00	3550	7830	3150	6940	125	860	17	300	1055
			OH-301	TL	152/148M	9.00	3550	7830	3150	6940	125	860	22	300	1066
			OH-302	TL	152/148 F	9.00	3550	7830	3150	6940	125	860	23	300	1066
			OH-312	TL	152/148 K	9.00	3550	7830	3150	6940	125	860	21	300	1064
			OH-318	TL	152/148 K	9.00	3550	7830	3150	6940	125	860	18	300	1056
			OH-368	TL	152/148M	9.00	3550	7830	3150	6940	125	860	20	300	1058
	315/60R22.5	16	NEW OH-107	TL	154/148 L	9.75	3750	8270	3150	6940	130	900	12	301	948
			NEW OH-311	TL	154/148 L	9.75	3750	8270	3150	6940	130	900	17	304	960
	315/70R22.5	16	OH-110	TL	154/150 L	9.00	3750	8270	3350	7390	130	900	15	314	1015
			OH-301	TL	154/150 L	9.00	3750	8270	3350	7390	130	900	22	314	1015
			NEW OH-319	TL	154/150 L	9.00	3750	8270	3350	7390	130	900	16	320	1019
			NEW OH-320	TL	154/150 L	9.00	3750	8270	3350	7390	130	900	21	319	1030
	315/80R22.5	20	OH-101	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	17	314	1086
			OH-101S	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	17	314	1086
			OH-107	TL	156/150 L 154/150 M	9.00	4000	8820	3350	7390	125	860	15	314	1086
			OH-201	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	15	314	1084
			OH-209	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	15	314	1084
			OH-301	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	22	314	1095
			OH-312	TL	156/150 K	9.00	4000	8820	3350	7390	125	860	22	314	1095
			NEW OH-315	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	22	324	1090
			OH-319	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	16.5	315	1084
			OH-320	TL	156/150 L	9.00	4000	8820	3350	7390	125	860	21.5	314	1094
			OH-402	TL	156/150 K	9.00	4000	8820	3350	7390	125	860	21	314	1095
	385/55R22.5	20	OH-108	TL	160 K	12.25	4500	9920	-	-	130	900	13	386	995
	385/65R22.5	20	OH-102	TL	160 K(158 L)	11.75	4500	9920	-	-	130	900	15	380	1074
			OH-108	TL	160 K	11.75	4500	9920	-	-	130	900	14.5	388	1078
			OH-119	TL	160 K(158 L)	11.75	4500	9920	-	-	130	900	15	386	1070
			OH-203	TL	160 K(158 L)	11.75	4500	9920	-	-	130	900	16	380	1074
	425/65R22.5	20	OH-306	TL	165 K	13.00	5150	11400	-	-	120	830	18	426	1130
24″	12.00R24	20	OH-202	TT	160/156 K	8.50	4500	9920	4000	8820	125	860	14	310	1214
	325/95R24	22	OH-201	TL	162/160 K	9.00	4750	10500	4500	9920	125	860	19	305	1229
			OH-401	TL	162/160 F	9.00	4750	10500	4500	9920	125	860	28	305	1235

OH-320 OH-321 OH-350 OH-351 OH-368 OH-401 OH-402 OH-403 OH-404 OH-501 OH-650

RIM DIAMETER	TIRE SIZE	PR	PATTERN	TYPE	LOAD INDEX SPEED SYMBOL	STANDARD RIM WIDTH	MAX LOAD SINGLE		MAX LOAD DUAL		RELATIVE PRESSURE		TREAD DEPTH	INFLATED DIMENSION (mm)	
						inch	kgs	lbs	kgs	lbs	psi	kPa	mm	SECTION WIDTH	OVERALL DIAMETER
24″	325/95R24	22	OH-404	TL	162/160 K	9.00	4750	10050	4500	9920	125	860	31	307	1235
24.5″	11R24.5	14	OH-105	TL	146/143 L	8.25	3000	6610	2725	6005	105	720	16	286	1106
			OH-150	TL	146/143 L	8.25	3000	6610	2725	6005	105	720	14	280	1104
		16	OH-150	TL	149/146 L	8.25	3250	7160	3000	6610	120	830	14	280	1104
			NEW OH-153	TL	149/146 L	8.25	3250	7160	3000	6610	120	830	15	286	1101
			OH-350	TL	149/146 L	8.25	3250	7160	3000	6610	120	830	20	286	1115
			OH-351	TL	149/146 L	8.25	3250	7160	3000	6610	120	830	20.5	284	1115
	285/75R24.5	14	OH-150	TL	144/141 L	8.25	2800	6175	2575	5675	110	760	13.5	282	1053
			OH-153	TL	144/141 L	8.25	2800	6175	2575	5675	110	760	15	282	1051
			OH-350	TL	144/141 L	8.25	2800	6175	2575	5675	110	760	20	282	1062

Tire Sidewall Markings



Interpretation of different types of truck tire sizes

12.00	R	24	20PR	160/156	K
Nominal Section Width (inches)	Construction (R=Radial)	Rim Diameter (inches)	Ply Rating	Load Index (Single/Dual) 160 = 4,500 kgs 156 = 4,000 kgs	Speed Symbol (K=110km/h)

315 /	80	R	22.5	156/150	L
Nominal Section Width (mm)	Aspect Ratio (Percentage)	Construction (R=Radial)	Rim Diameter (inches)	Load Index (Single/Dual) 156 = 4,000 kgs 150 = 3,350 kgs	Speed Symbol (L=120km/h)

12	R	22.5	152/148	M
Nominal Section Width (inches)	Construction (R=Radial)	Rim Diameter (inches)	Load Index (Single/Dual) 152 = 3,550 kgs 148 = 3,150 kgs	Speed Symbol (M=130km/h)

Load Index:
The Load Index is the numerical code associated with the maximum load a tire can carry at the speed indicated by the tire manufacturer

Load Index equivalent table

Load Index	kg	Load Index	kg	Load Index	kg	Load Index	kg
111	1090	126	1700	141	2575	156	4000
112	1120	127	1750	142	2650	157	4125
113	1150	128	1800	143	2725	158	4250
114	1180	129	1850	144	2800	159	4375
115	1215	130	1900	145	2900	160	4500
116	1250	131	1950	146	3000	161	4625
117	1285	132	2000	147	3075	162	4750
118	1320	133	2060	148	3150	163	4875
119	1360	134	2120	149	3250	164	5000
120	1400	135	2180	150	3350	165	5150
121	1450	136	2240	151	3450	166	5300
122	1500	137	2300	152	3550	167	5450
123	1550	138	2360	153	3650	168	5600
124	1600	139	2430	154	3750	169	5800
125	1650	140	2500	155	3875	170	6000

Speed Symbol:
The Speed Symbol indicates the speed at which the tire can carry a load corresponding to its load index under service conditions specified by the tire manufacturer

Speed symbol equivalent table

Speed Symbol	Speed (kph)
F	80
G	90
J	100
K	110
L	120
M	130
N	140

Application Guide

	Steer/All Position	Drive	Trailer
Long Haul	OH-102 OH-104 OH-108 OH-109	OH-319	OH-111
Regional	OH-101 OH-105 OH-106 OH-107 OH-110 OH-112 OH-115 OH-117	OH-301 OH-306 OH-311 OH-315 OH-320 OH-321 OH-368	OH-113
Regional Long Haul	OH-119 OH-150 OH-151 OH-152 OH-153 OH-650	OH-350 OH-351	OH-118
Mixed (on/off)	OH-201 OH-202 OH-203 OH-204 OH-205 OH-206 OH-207 OH-208 OH-209 OH-210 OH-211 OH-228	OH-303 OH-305 OH-314	
Off Road	OH-401 OH-403 OH-404	OH-302 OH-312 OH-318 OH-402	
Highway Bus	OH-116		
City Bus	OH-501		

Dealer's Address

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