

CONVERSION CHARTS

Safety Warning

Break-In Period

In order to provide optimal performance, new tyres should be ridden very cautiously for the first 160km's (100 miles) (the "Break-In Period") while the tread surface is "Scuffed-In." During the Break-In Period, avoid sudden acceleration, maximum braking, and hard cornering. These precautions will allow the rider to adjust to the "feel" and handling characteristics of the new tyre and for the tyre to be "Scuffed-In" correctly in order to achieve optimal grip level.

Motorcycle Street Tyre Size		
Front		
Metric	Alpha	Inch
80/90	MH90	2.50/2.75
90/90	MJ90	2.75/3.00
100/90	MM90	3.25/3.50
110/90	MM90	3.75/4.00
120/80	-	4.25/4.50
120/90	MR90	4.25/4.50
130/90	MT90	5.00/5.10
Rear		
Metric	Alpha	Inch
110/90	MN90	3.75/4.25
120/80	MP85	4.50/4.75
120/90	MP85	4.50/4.75
130/80	-	5.00/5.10
130/90	MT90	5.00/5.10
140/80	-	5.50/6.00
140/90	MU90	5.50/6.00
150/80	MV85	6.00/6.25
150/90	MB85	6.00/6.25

Motorcycle Knobby Tyre Size		
Front		
Metric	Four-Stroke Metric	Inch
70/100	80/90	2.75/3.00
80/100	90/90	3.00/3.25
90/100	90/100	3.25
Rear		
Metric	Four-Stroke Metric	Inch
90/100	100/80	3.60/4.10
100/90	110/80	4.10/4.60
110/90	120/80	4.50/5.10
110/100	130/80	5.10

Load Index Rating											
LI	KGS	LBS	LI	KGS	LBS	LI	KGS	LBS	LI	KGS	LBS
21	82.5	182	36	125	276	51	195	430	66	300	661
22	85	187	37	128	282	52	200	441	67	307	677
23	87.5	193	38	132	291	53	206	454	68	315	694
24	90	198	39	136	300	54	212	467	69	325	716
25	92.5	204	40	140	309	55	218	481	70	335	736
26	95	209	41	145	320	56	224	494	71	345	761
27	97.5	215	42	150	331	57	230	507	72	355	783
28	100	220	43	155	342	58	236	520	73	365	805
29	103	227	44	160	353	59	243	536	74	375	827
30	106	234	45	165	364	60	250	551	75	387	853
31	109	240	46	170	375	61	257	567	76	400	882
32	112	247	47	175	386	62	265	584	77	412	908
33	115	254	48	180	397	63	272	600	78	425	937
34	118	260	49	185	408	64	280	617	79	437	963
35	121	267	50	190	419	65	290	639			

Street Tyre Size Designations		
<p>Inch Designations</p> <p>5.00 H 16 4PR</p> <p>Speed rating Rim diameter Casing strength (ply rating) Section width (inches)</p>		
<p>ALPHABETICAL DESIGNATIONS</p> <p>M T 90- 16 Load Range B</p> <p>Motorcycle code Tyre width code Aspect ratio (90)% Rim diameter Load range</p>		
<p>Metric Designations</p> <p>130 / 90- 16 67 H</p> <p>Section width (mm) Aspect ratio (90)% Rim diameter (inches) Load rating Speed rating</p>		
<p>Load Rating - A numerical code which corresponds to the total load carrying capacity at the speed indicated by the speed symbol.</p> <p>Aspect Ratio = $\frac{\text{Section height}}{\text{Section width}} \times 100$</p>		

Speed Rating			
Motorcycle use		Maximum Design/Test Speed	
		(Mph)	(km/h)
	F type	50	80
	J type	62	100
	L type	75	120
	M type	81	130
	N type	87	140
	P type	94	150
	R type	106	170
	S type	112	180
	H type	130	210
	V type	149	240
	Z type	149+	240+
	W type	168	270
	(W) type	168+	270+
Flotation Type (Low I.P.)		50	80

Warning: Only properly trained personnel should mount tyres.