

Motorcycle Tire Size Conversion Chart

Motorcycle Tire Speed Ratings, Load Ratings and Motorcycle Tire Size Designations



Front Tires			Rear Tires		
metric	alpha	inch	metric	alpha	inch
80/90	MH90	2.50/2.75	110/90	MP85	4.00/4.75
90/90	MJ90	2.75/3.00	120/90	MR90	4.50/4.75
100/90	MM90	3.25/3.50	130/80		5.00/5.10
120/80		4.25/4.50	140/80		5.50/6.00
120/90	MR90	4.25/4.50	140/90	MU90	5.50/6.00
130/90	MT90	5.00/5.10	150/80	MV85	6.00/6.25
			150/90	MV85	6.00/6.25

SPEED RATING CHART			
Maximum Design/Test Speed			
Motorcycle Speed Ratings	J Type	62	100
	N Type	87	140
	P Type	94	150
	S Type	112	180
	H Type	130	210
	V Type	149	240
	Z Type	149+	240+
Tires with 2.00, 2.25 & 2.50 nominal section widths are rated for 75 mph.			

LOAD INDEX (LI) RATING CHART									
LI	lbs.	LI	lbs.	LI	lbs.	LI	lbs.	LI	lbs.
20	176	33	254	46	375	59	536	72	783
21	182	34	260	47	386	60	551	73	805
22	187	35	267	48	397	61	567	74	827
23	193	36	276	49	408	62	584	75	853
24	198	37	282	50	419	63	600	76	882
25	204	38	291	51	430	64	617	77	908

26	209	39	300	52	441	65	639	78	937
27	215	40	309	53	454	66	661	79	963
28	220	41	320	54	467	67	677	80	992
29	227	42	331	55	481	68	694	81	1019
30	234	43	342	56	494	69	716	82	1047
31	240	44	353	57	507	70	736	83	1074
32	247	45	364	58	520	71	761	84	1102

The load rating corresponds to the total load carrying capacity of the tire at the speed indicated by the speed symbol.

i.e., the "Aspect Ratio" equals the height/width x 100

