



GENERAL TIRE PRESSURE GUIDELINES (PSI)

Note: This is a wide range recommendation for average conditions only.

Solo category based on rider weight & riding gear up to 200 lb/91 kg & no luggage, 2 up light based on two riders, riding gear & luggage (or heavier bike), 2 up heavy based on two riders (or heavier bike), riding gear, luggage & trailer tongue weight up to 35 lbs.

High-speed riding, higher loads or high road temperatures may require a moderate increase in pressure.

Touring Cobra Chrome with bias belted reinforced construction*

	Solo	2 up light	2 up heavy
Front	38-40	40-41	42-43
Rear	44	46	48-50

***Front** MT90HB16, 130/80B17, 130/70HB18

***Rear** 140/90H15, 150/90HB15, 170/80HB15, MT90HB16, 140/90HB16, 150/80HB16, 160/80HB16, 180/65B16, 160/70B17, 180/60B17, 140/70B18, 150/70B18, 180/55B18

All other Touring/Cruiser Models

	Solo	2 up light	2 up heavy
Front	34-38	40-42	42
Rear	38-40	40-42	42

Sport/Sport Touring (radial & bias)

	Solo	2 up light	2 up heavy
Front			
80/90-3.25	32-34	32-34	34-36
100/80-3.50	32-34	34-35	35-36
110/70-120/90	34-36	36-38	36-38
130/60-150/80	34-36	36-38	38-40
Rear			
4.00-100/90	34-36	36-38	38-40
4.25-110/90	34-36	36-38	38-40
120/80-130/90	36-38	38-40	40-42
140/70-200/50	38-40	38-42	40-42
140/90-150/90	38-40	40-42	40-42
200/55-330/30	38-40	40-41	40-42

Classic Bikes

	Solo	2 up light	2 up heavy
Front	25	26	28
Rear	28	30	34

Dual Purpose/Adventure Sport

<u>125-500 cc</u>	Solo	2 up light	2 up heavy
Front	24-31	26-34	28-38
Rear	27-34	29-37	31-40
<u>501-749 cc</u>			
Front	24-34	26-36	28-38
Rear	31-36	33-38	35-40
<u>750-900 cc</u>			
Front	29-32	33-35	35-42
Rear	32-36	37-39	39-42
<u>950 & up cc</u>			
Front	33-36	36-38	38-40
Rear	38-40	40-42	42

Scooter

<u>50-125 cc</u>	
Front	26
Rear	32
<u>150-250 cc</u>	
Front	29
Rear	33
<u>300-500 cc</u>	
Front	32
Rear	35

Load index and speed rating symbols

The SERVICE DESCRIPTION consists of a Load Index and a Speed Symbol.

Speed Symbol

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 Avon Tyres.

These speeds are shown in Table 1 and apply to tyres when in good condition, inflated to the correct pressure, operating within their specific load capacity and fitted to the correct size rim. Speeds quoted are the maximum speed of which the tyre is capable, not the speed at which it is normally ridden. V, W and Z rated tyres may also be used at higher speeds but at reduced loadings. For guidance only Table 3 can be used to calculate loads at specific speeds on V, W and Z tyres.

ALL MAXIMUM SPEEDS REFERRED TO ARE SUBJECT TO APPLICABLE LEGAL SPEEDS.

Load Index

The LOAD INDEX is a numerical code associated with the maximum load a tyre can carry (except for loads at speeds above 130 mph (210 km/h) – see Table 2/2a) at the speed indicated by its Speed Symbol under service conditions specified by Avon Tyres. You should only fit replacement tyres bearing the precise speed and load index referred to in the motorcycle manufacturer’s handbook. Before you make any variation please consult Avon Tyres to ensure that the replacement tyre is a correct fitment for your motorcycle.

Table 1 Speed Symbol										
Speed Symbol	L	P	S	T	H	V	(V)	W	(W)	ZR
Max mph	75	93	112	118	130	149	>149*	169	>169*	>149
Max km/h	120	150	180	190	210	240	>240*	270	>270*	>240km/h*
Note: the maximum approved speed may be marked on the tyre eg V260.										
*at reduced loading										

Table 2 Load Index - kgs													
LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
41	145	49	185	57	230	65	290	73	365	81	462	89	580
42	150	50	190	58	236	66	300	74	375	82	475	90	600
43	155	51	195	59	243	67	307	75	387	83	487	91	615
44	160	52	200	60	250	68	315	76	400	84	500	92	630
45	165	53	206	61	257	69	325	77	412	85	515	93	650
46	170	54	212	62	265	70	335	78	425	86	530	94	670
47	175	55	218	63	272	71	345	79	437	87	545	95	690
48	180	56	224	64	280	72	355	80	450	88	560	96	710

Table 2a Load Index - lbs													
LI	Lbs	LI	Lbs	LI	Lbs	LI	Lbs	LI	Lbs	LI	Lbs	LI	Lbs
41	320	49	408	57	507	65	639	73	805	81	1019	89	1279
42	331	50	419	58	520	66	661	74	827	82	1047	90	1323
43	342	51	430	59	536	67	677	75	853	83	1074	91	1355
44	353	52	441	60	551	68	694	76	882	84	1102	92	1389
45	364	53	454	61	567	69	716	77	908	85	1135	93	1433
46	375	54	467	62	584	70	739	78	937	86	1168	94	1477
47	386	55	481	63	600	71	761	79	963	87	1201	95	1521
48	397	56	494	64	617	72	783	80	992	88	1235	96	1565

Table 3 Variation in Load Carrying Capacity			
Maximum Speed mph (km/h)	VARIATION IN LOAD CARRYING CAPACITY (%)		
	Speed Symbol		
	H	V	W
130 (210)	100	100	100
137 (220)	–	95	100
143 (230)	–	90	100
149 (240)	–	85	100
155 (250)	–	–	95
161 (260)	–	–	85
168 (270)	–	–	75