

Tyre Information

These tyres are examples only-Please check with tyre data from manufacturers for specific tyres

Front/Rear	Tyre	Size	Rec Rim/inches	Using manufacturers Rec Rim Widths		Nominal Width Size
				Overall Width -mm/inches	Overall Width + 5mm expansion	
Rear/stock	Avon AM21	130/90-H16	3.0	137/5.4	142	130
Rear	Avon ST23	140/80 ZR16	3.50	150/5.9	155	140
Rear	Avon ST23	150/80 ZR16	3.50	161/6.3	166	150
Rear	Avon ST23	160/80 ZR16	4.0	173/6.8	178	160
Rear	Avon AM23	180/60 B16	5.0	178/7.0	183	180
Rear	Avon AM23	200/60 B16	5.50	197/7.8	202	200
Rear	Avon AM23	170/60 VB18	4.50	173/6.8	178	170
Rear	Avon AM23	180/55 VB18	5.50	179/7.0	184	180

Tyre Variations	
Tyre	Overall Dia
Avon AM23	
140/80 VB16	633
160/80 VB16	662
200/60 VB16	656
130/80 VB17	648
130/80 VB18	648
These tyre dimensions are examples only - similar variations occur with all tyres - You will need to make allowances for tyre dia in choosing fenders and planning frame/sw arm dimensions	

***This is the width to use when choosing tyres and planning offset dimensions/Use of Belt or Chain Final Drive/Wide or Stock size swing arm!**

If you do not take account of the possible tyre width variations you may make a very expensive mistake!

Similar variations in tyre dimensions occur with tyres from all manufacturers, although some tyres have even greater variations

Some manufacturers make low expansion tyres. Use of these will allow less offset to be employed.

and lessen the need to use chain drive conversions or wide swingarms. Rear tyres used on front wheels are not advisable - especially low profile ones

Metzeler 200 x 15 tyre using 7in rim achieves an outside width of 220mm. Some Tyres will take a wider rim safely - some will not!

Clearance - Tyres grow in size as they heat up, for this reason clearance must be allowed around fenders, forks, frame, swingarm and chain or belt.

It is recommended to allow a minimum of 4 mm lateral and 14mm radial clearance. This does not take into account suspension travel

Speed Ratings		
J	for speeds up to	62 MPH
L	for speeds up to	75 MPH
P	for speeds up to	93 MPH
Q	for speeds up to	100 MPH
R	for speeds up to	106 MPH
S	for speeds up to	113 MPH
T	for speeds up to	118 MPH
U	for speeds up to	124 MPH
H*	for speeds over	130 MPH
V*	for speeds over	130 MPH
Z	for speeds over	150 MPH

Legally Allowed Mixing of Different Tyre Construction Types	
Crossply Front	Crossply Rear
Bias Belt Front	Bias Belt Rear
Radial Front	Radial Rear
Crossply Front	Bias Belt Rear
Crossply Front	Radial Rear
Bias Belt Front	Radial Rear

Do not Fit the Following Combinations	
Bias Belt Front	Crossply Rear
Radial Front	Crossply Rear
Radial Front	Bias Belt Rear

Load Ratings

This is the number that comes just before the

speed rating. Generally front tyres should be

rated in the 50 - 65 range and rear tyres in the

70 - 85 range

We can advise on tyre suitability and can offer good prices on 'any' tyre available on the UK market. Tyre data is available on any tyre to enable you to set up your bike for any application

*Generally these are tyres normally used on 'Harley' and 'Harley Custom Bikes'

Avon(others tyre companies have similar booklets) have a very useful booklet titled 'Tyre Data' - full of useful information