

Minimum Curves for 6 wheeled rolling stock or locomotives.

The following table gives the minimum curve radius for the following axle spacings.

Axle spacing mm	Central Axle play no gauge widening		
	0mm	1mm	2mm
70	7.538m	2.969m	1.849m
80	9.846m	3.878m	2.415m
90	12.461m	4.909m	3.056m
100	15.384m	6.060m	3.773m
110	18.615m	7.333m	4.566m
120	22.153m	8.727m	5.433m
130	26.000m	10.242m	6.377m

Axle Spacing mm	Central Axle play 1 mm gauge widening		
	0mm	1mm	2mm
70	2.969m	1.849m	1.342m
80	3.878m	2.415m	1.753m
90	4.909m	3.056m	2.219m
100	6.060m	3.773m	2.739m
110	7.333m	4.566m	3.315m
120	8.727m	5.433m	3.945m
130	10.242m	6.377m	4.630m

The axle spacings in the tables above are for symmetrical locomotives and rolling stock. Thus a 70mm axle spacing would equate to a total fixed wheelbase of 140mm.

There are several examples of locomotives with asymmetrical axle spacing.

In the case of a locomotive with an axle spacing of 70mm and 90mm then it is advisable to use the figures for the 90mm axle spacing.