

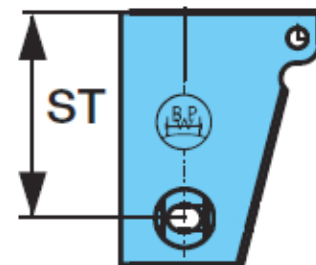


### SRT Calculation Data REF: TB 13 - 03

Axle beam	Hanger centre (m)	Airbag dia. (mm)	Air bag centre (mm)	Lash (mm)	Total roll stiffness (Nm/radian)	Spring stiffness (N/m)
120 x 10	0.980	300	860	100	1,465,809	150,000
120 x 15	0.980	300	860	100	1,552,707	150,000
120 x 15	0.760	300	640	100	971,514	150,000
120 x 10	1.200	300	1080	100	2,095,860	150,000
120 x 15	1.200	300	1080	100	2,238,458	150,000

Suspension number	Ride Height Range	Relative Roll centre (m)	ST
AU-0001FANZ <sup>1</sup>	215-245	-0.033	268
AU-0002NZ <sup>1</sup>	240-265	0.000	268
AU-0003NZ <sup>2</sup>	215-225	-0.033	268
AU-0009NZ <sup>2</sup>	240-265	0.000	268
AMT-0004NZ	255-280	0.088	184
AMT-0003NZ	280-305	0.108	184
AMT-0005NZ	300-325	0.039	268
AMT-0002NZ	330-365	0.069	268
AM-0001NZ	310-315	0.141	184
AM-0002NZ	350-380	0.102	268
AM-0003NZ	375-395	0.129	268
AO-0002NZ	395-405	0.226	184
AO-0001NZ	435-460	0.182	268

For a trailer suspension with a rigid axle beam and 2 trailing arms which have a rigid connection to the axle beam, the roll centre is considered to be at the height of the pivot bolt connecting the trailing arm to the hanger bracket. Therefore the relative roll centre height is calculated from the nominal ride height and the hanger bracket height (ST).



Please ensure the correct suspension number is selected

<sup>1</sup> Drum brake

<sup>2</sup> Disc brake