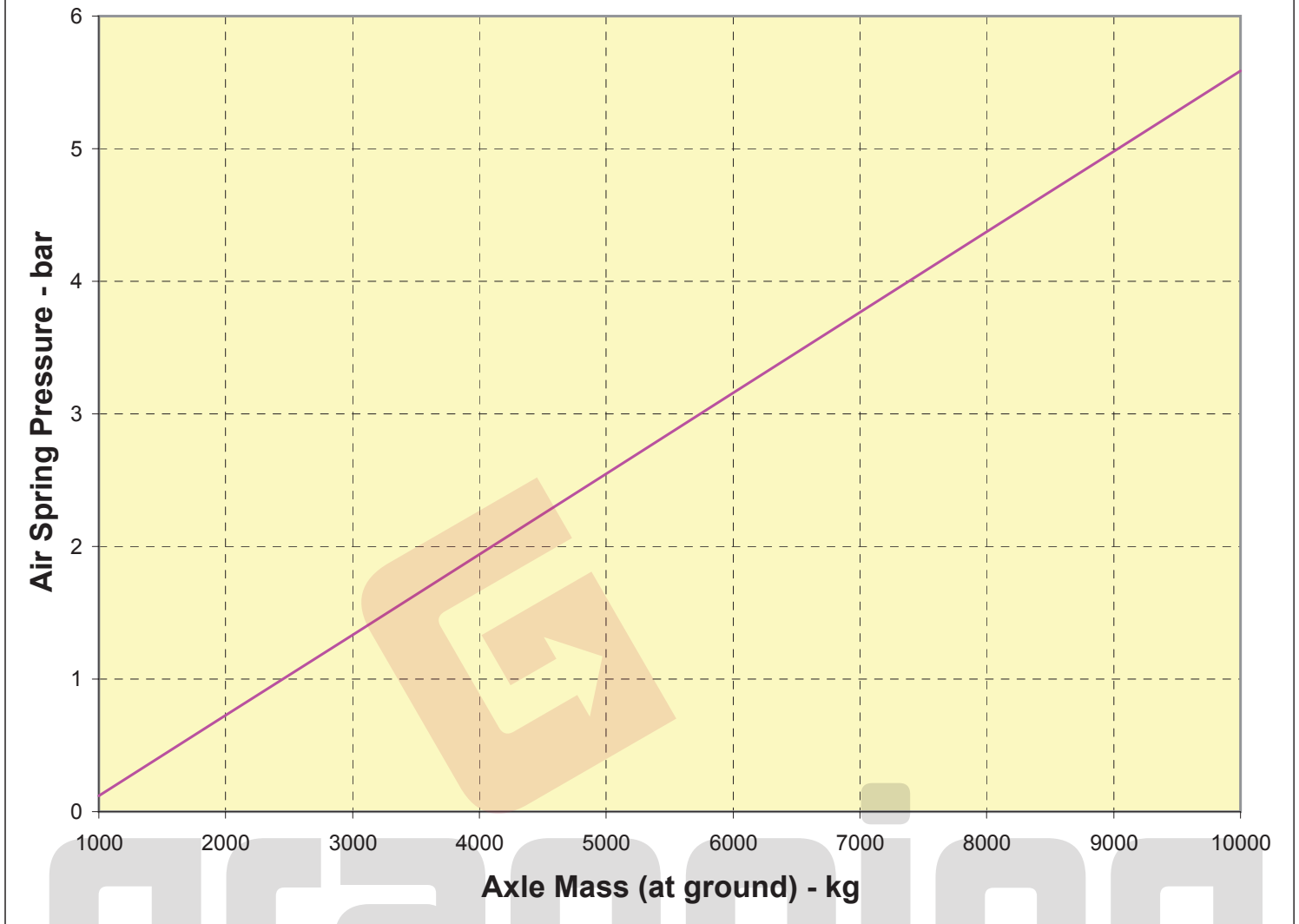


## Suspension Pressure Characteristic



### Load Pressure Characteristic - Granning Suspension Models

#### RT 20/25/30 - 85/95

This pressure to load characteristic refers to :

Suspension model	<b>RT 20 - 85</b>	<b>RT 20 - 95</b>
	<b>RT 25 - 85</b>	<b>RT 25 - 95</b>
	<b>RT 30 - 85</b>	<b>RT 30 - 95</b>
Installation drawing no.	<b>18184</b>	<b>18184</b>
Maximum Design Axle Load	<b>8500kg</b>	<b>9500kg</b>

The above characteristic is intended as a guide, manufacturing tolerances on the componentry may cause individual suspensions to vary. To obtain a high degree of accuracy requires that the suspension be calibrated over a flat and accurate scale.

This characteristic assumes an unsprung mass of 800kg.

**SUSPENSION**  
**CHARACTERISTIC**

1000	0.121415	<b>DIMENSION L<sub>1</sub> (mm)</b>	530
2000	0.728492	<b>DIMENSION L<sub>2</sub> (mm)</b>	902
3000	1.335568		
4000	1.942645	<b>SPRING RATE :</b>	0.587583
5000	2.549721		
6000	3.156797		
7000	3.763874	<b>AIRSPRING TYPE :</b>	<b>IT15M-9</b>
8000	4.37095		
9000	4.978027	<b>MAX LOAD (N)</b>	32350
10000	5.585103	<b>MIN LOAD (N)</b>	13360
11000	6.19218	<b>MAX PRESS (bar)</b>	7
12000	6.799256	<b>MIN PRESS (bar)</b>	3
12500	7.102794		

4747.5 (N/bar)  
0.000211 (bar/N)



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axle and suspension solutions