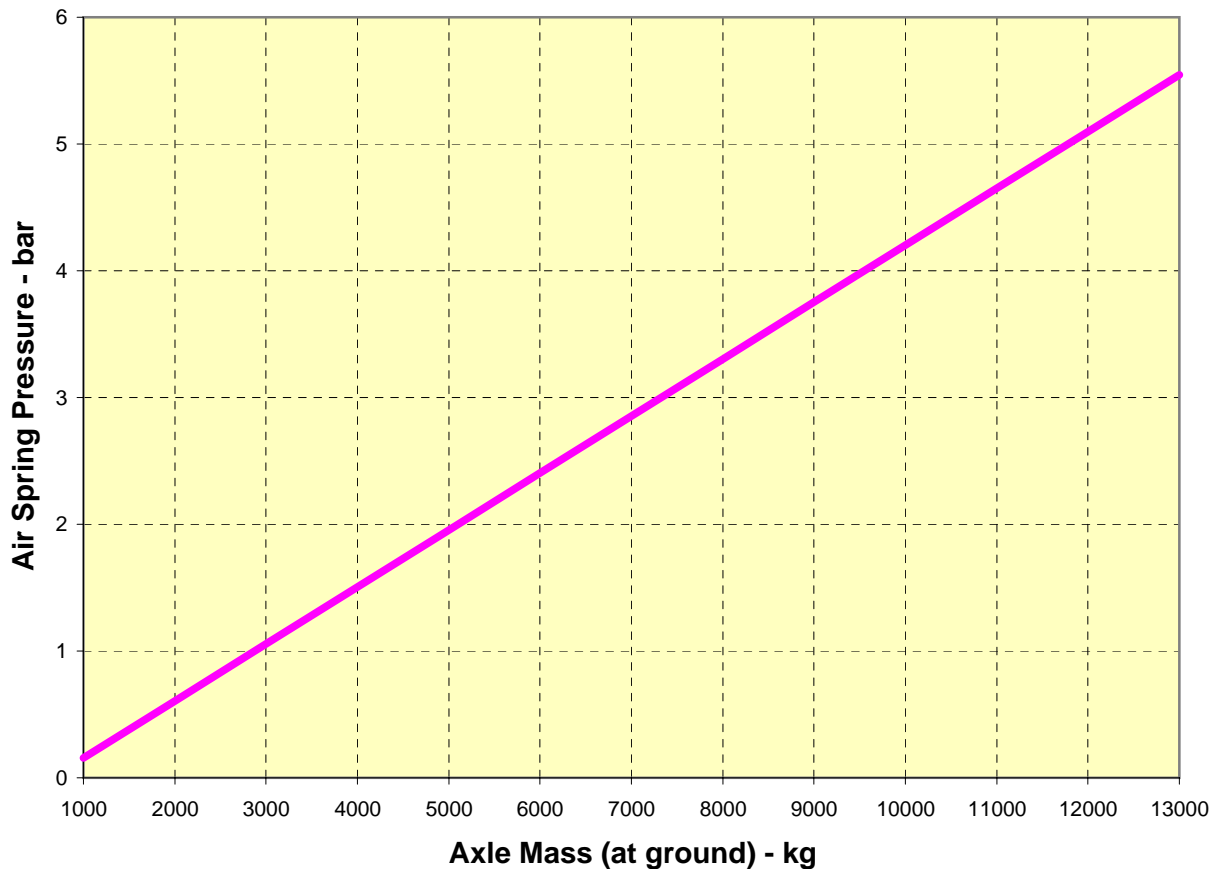




## Suspension Pressure Characteristic



### Load Pressure Characteristic - Granning Suspension Models

#### PTL 17 - 105 E & 125 E

This pressure to load characteristic refers to :

Suspension model **PTL 17-105125 E**

Installation drawing no.

Maximum Design Axle Load **10500kg / 12500kg**

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 750kg.

**SUSPENSION**  
**CHARACTERISTIC**

1000	0.157215	<b>DIMENSION L<sub>1</sub></b> (mm)	527
2000	0.6064	<b>DIMENSION L<sub>2</sub></b> (mm)	915
3000	1.055586		
4000	1.504771	<b>SPRING RATE :</b>	0.575956
5000	1.953957		
6000	2.403142		
7000	2.852327	<b>AIRSPRING TYPE :</b>	<b>IT19ZK-5.7</b>
8000	3.301513		
9000	3.750698	<b>MAX LOAD</b> (N)	62293.5
10000	4.199884	<b>MIN LOAD</b> (N)	9789.43
11000	4.649069	<b>MAX PRESS</b> (bar)	8.273709
12000	5.098255	<b>MIN PRESS</b> (bar)	1.378951
13000	5.54744		
14000	5.996625		7615.071 (N/bar)
15000	6.445811		0.000159 (bar/N)
16000	6.894996		