

relax and allow us  
to take control

## Air Spring GRB 1240 VD



**Design:** With Viscose Damper

**Cover plate and Piston**

are made from cast aluminium. Their sealing surfaces are machined, surface quality Rz 16. All other surfaces are blasted.

**Rolling Lobe with Belt**

The rolling lobe is made from first class elastomer with a moulded wire-reinforced ring. It shows good vertical and lateral spring properties.

Pressure [bar]	Load [kN]	vertical			horizontal		
		Rigidity [N/mm]	Natural Fre-quency (stat.) [Hz]	Damping Rate	Rigidity [N/mm]	Natural Frequency (stat.) [Hz]	Damping Rate
2	42	425	1,7	0,25	450	1,6	0,15
4	83	650	1,5	0,25	530	1,3	0,15
5	104	750	1,5	0,25	560	1,2	0,15
6	124	875	1,4	0,25	580	1,1	0,15
7,5	155	1000	1,4	0,25	630	1,0	0,15

**Technical data:**

Weight: 57 kg  
 Volume: 48 l  
 Recommended operation height including spacer: H = 330 mm  
 Minimum height: 270 mm  
 Cone Plate: D = 610 mm ø  
 Piston: d = 392 mm ø

