

relax and allow us
to take control

Air Spring GRB 1820 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 have been 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 Frequency (stat.) [Hz]	Damping Rate	Rigidity [N/mm]	Natural Frequency (stat.) [Hz]	Damping Rate
2	61	565	1,6	0,25	370	1,2	0,15
4	122	860	1,4	0,25	630	1,1	0,15
5	151	1000	1,4	0,25	730	1,1	0,15
6	182	1100	1,3	0,25	790	1,0	0,15
7,5	227	1280	1,3	0,25	850	1,0	0,15

Technical data:

Weight:	120 kg
Volume:	77 l
Recommended operation height including spacer:	H = 330 mm
Minimum height:	270 mm
Cone plate:	D = 720 mm \varnothing
Piston:	d = 505 mm \varnothing

