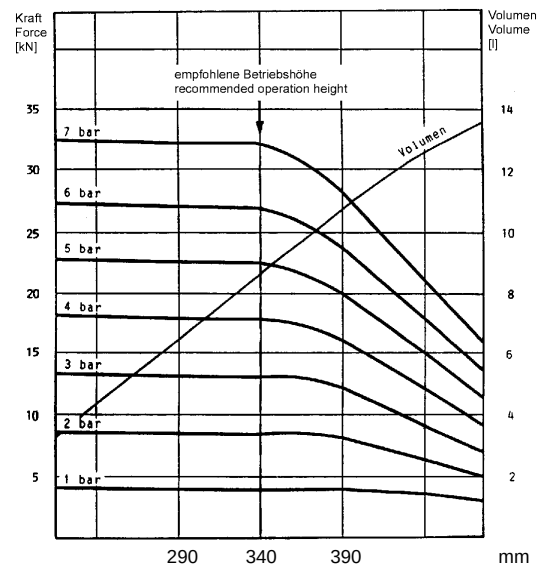


relax and allow us  
to take control

## Air Spring RB 280 SH



Dynamic spring data for vibration isolation at  
340 mm operating height

| Pressure [bar] | Loading Capacity [kN] | Stiffness [kN/m] | Natural Frequency [Hz] |
|----------------|-----------------------|------------------|------------------------|
| 2              | 8,5                   | 85               | 1,6                    |
| 4              | 19                    | 142              | 1,4                    |
| 6              | 28                    | 203              | 1,3                    |

Force-way table for rolling lobe air springs  
force in [kN]

| Height [mm] | 1 bar | 2 bar | 3 bar | 4 bar | 5 bar | 6 bar | 7 bar |
|-------------|-------|-------|-------|-------|-------|-------|-------|
| 320         | 4     | 8,5   | 13    | 18    | 23    | 27    | 32    |
| 370         | 4     | 8,5   | 13    | 17    | 22    | 26    | 31    |
| 420         | 3,8   | 7     | 10    | 13,5  | 17    | 20    | 24    |
| 470         | 3     | 5,2   | 7,5   | 9,5   | 12    | 14    | 17    |

### Technical data

|                                         |                        |
|-----------------------------------------|------------------------|
| Construction:                           | with protection sleeve |
| Weight:                                 | 37 kg                  |
| Largest diameter (without air adapter): | 310 mm                 |
| Stroke:                                 | 30 mm                  |
| Operating Height:                       | 340 mm                 |
| Minimum Height:                         | 310 mm                 |