PASTORE & LOMBARDI

GAS SPRINGS

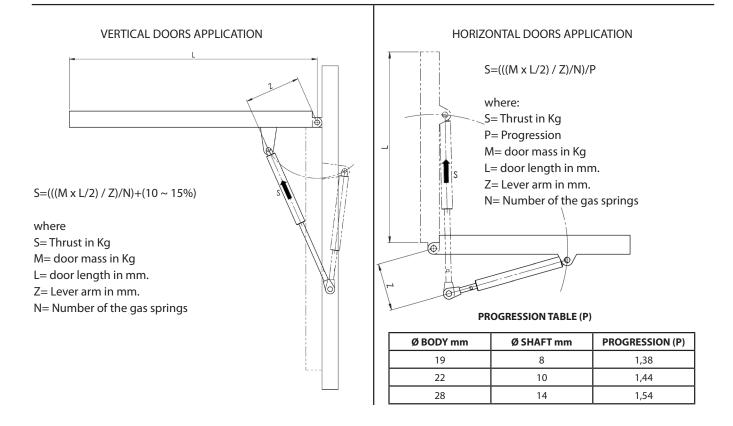


Use standard care and caution and follow these warnings:

- The assembling must be carried out as follows: In closed position (compressed spring) the chrome shaft has to be turned downside, i.e. with the rotation point of the chrome-plated shaft in a lower position than the rotation point of the black cylindrical body. This will facilitate the lubrication of the guide and of the seals and will permit a higher braking effect.
- The thrust of a gas spring will be calculated at 20°c, a higher or lower temperature would influence the thrust for about 3,6% every 10°c.

The normal function proceeds within a temperature between -30° and $+80^{\circ}$. Very hot environments with temperatures over 80° and aggressive atmospheres cause gas spring malfunctions and may shorten its operating life.

- Ensure that the spring fittings are aligned to avoid buckling.
- If mounting hole is a through hole, use non threaded pins instead of screws.
- Avoid using blunt tools or abrasive materials that might damage the shaft surface. Avoid contact with corrosive agents or chemicals.
- Machine vibration may affect the seals and shorten gas spring life.
- Do not expose the gas spring to pulling forces exceeding the extension speed of the shaft.
- Doors opened through gas springs should be equipped with an additional rod (such as in a car hood) which keeps the door open in case of gas spring failure.



CHOICE OF GAS SPRING