Markgröningen, 18.06.2018

**Stainless steel gas springs, now available from norelem**

Corrosion resistant and maintenance-free models for diverse applications

**The new stainless steel gas springs are available in addition to the standard steel models. With these, norelem expands the existing range of corrosion resistant components that, among other things are suitable for use in the foodstuff industries.**

The piston rod of these gas springs is made from 1.4305 and the pressure tube from 1.4301 stainless steel. The filling medium is oil and nitrogen, whereby the oil complies with the FDA regulation 21 CFR 178.3570 "Lubricants with incidental food contact", meaning that these gas springs can also be used in foodstuff processing sectors. They are absolutely maintenance-free over their entire lifespan and are suitable for operating temperatures of between -20 °C and +80 °C.

The standard range of gas springs are available with piston rod diameters of 6 to 14 mm and a travel of 40 to 400 mm. They have threads both ends for connecting diverse elements. The numerous stainless steel connecting and fitting elements available ease installation and make the gas springs universally applicable.

Especially useful: norelem can fill the gas springs according to customer specifications to the individually required gas pressure. The customer then receives a ready to install component. If needed, the extension force can be subsequently decreased using the integrated filler valve.

Gas springs can effortlessly control the movement and braking of masses. For instance, they are an aid for comfortably opening, closing and adjusting lids, hatches or hoods. They find use in machine construction, the furniture industry and on sport, leisure and household appliances.

Characters including spaces: 1,734

Brief profile of norelem Normelemente KG

Every success begins with an idea. This is why norelem supports you in achieving your targets in machine and plant construction with an unrivalled selection of standard parts and components. THE BIG GREEN BOOK offers designers and technicians an extensive and clearly arranged assortment of quality components.

We support your project right from the start - with expert advice, a complete CAD database and fast delivery. norelem has been dynamically evolving for 60 years, consistently amending our portfolio and continuously optimising the logistics.

From our headquarters in Markgröningen, Germany and over our international locations, we are active in youth developement with schooling and workshops.

Characters including spaces: 701