

NEW!

READY

THE INNOVATOR OF OUR INDUSTRY®

DESIGN₂-TITE® Nitrogen Gas Springs

Introducing the RLX Series...

Extra Compact Gas Springs Where Height Is At A Premium



***They truly are....
Better by Design***

Better by Design

The **DESIGN₂-TITE[®]** Nitrogen Gas Spring, RLX Series

... a shortened gas spring, rechargeable, rebuildable, interchangeable

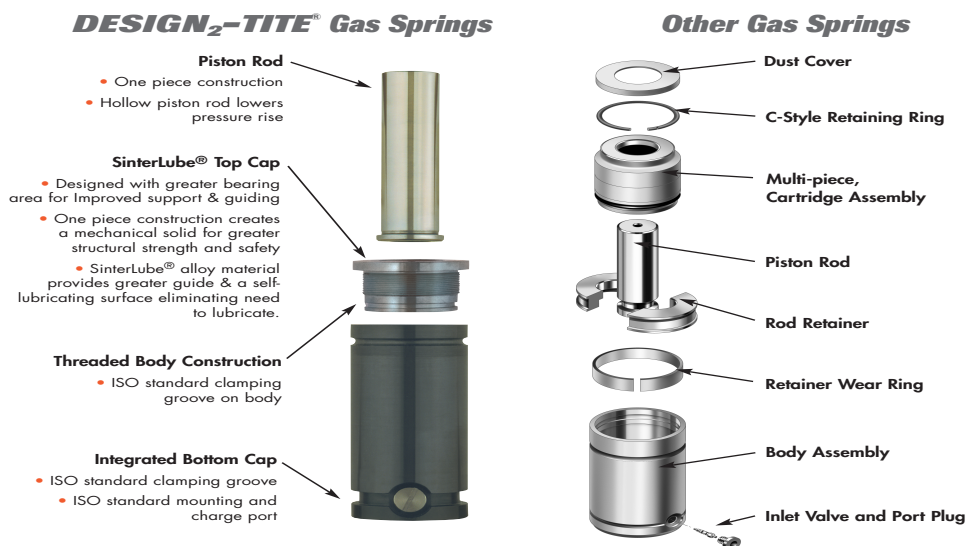
- **SHORTENED HEIGHT** - RLX gas springs are designed for use in tooling where height is at a premium. As the chart to the right shows, the closed and open heights of RLX gas springs are between 12 and 72 mm shorter than other gas springs in our product line.
- **REBUILDABLE & RECHARGABLE** - RLX gas springs are designed to operate at a maximum charging pressure of 150 bar (180 bar for RLX-350) with a generous safety factor. Like the other gas springs in our line, RLX springs are rechargeable and rebuildable.
- **INTERCHANGEABLE** - RLX gas springs are interchangeable with other commercially available brands. Clamping slots, mounting holes, diameters, and heights are identically dimensioned.
- **SAFETY VENT HOLE** - Each RLX gas spring has a safety vent hole. If the user tries to unscrew the top cap while the spring is still under pressure, the nitrogen gas will safely vent before the cap threads fully disengage.
- **LOWER PRESSURE RISE** - RLX gas springs are designed to minimize the pressure rise at bottom stroke, extending the operating life of the seals. The seals themselves represent state-of-the-art technology.
- **LOWER OPERATING TEMPERATURE** - The inside diameter of each RLX top cap has a SinterLube[®] bearing layer which lowers the spring's operating temperature and minimizes pressure loss if the spring is subjected to side load. These factors increase the spring's operating life.
- **NO LUBRICATION NEEDED** - Due to the self-lubricating SinterLube[®] layer, RLX gas springs never require additional lubrication, an industry first.

Other Springs	Stroke	Dc Die Closed	Do Die Open	READY'S RLX	Stroke	Dc Die Closed	Do Die Open	Height Saved
RLM-230	10 80	60 130	70 210	RLX-350	10 80	40 110	50 190	20
RLP-500	13 80	63 130	76 210	RLX-500	13 80	43 110	56 190	20
RLP-750	13 80	63 130	76 210	RLX-750	13 80	45 112	58 192	18
RLP-1000	13 80	63 130	76 210	RLX-1000	13 80	51 118	64 198	12
RLS-1500	25 125	126.6 226.6	151.6 351.6	RLX-2400	25 125	70 170	95 295	56.6
RL-3000	25 125	145 245	170 370	RLX-4200	25 125	83 183	108 308	62
RL-5000	25 125	165 265	190 390	RLX 6600	25 125	93 193	118 318	72

Compare the Simplicity of Our Design to the Competition

Our Design is Simpler

... providing a more rugged construction with fewer parts for longer life



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