

XTREME Duty Gas Springs

XTREME Duty Gas Springs are a self-contained and custom-engineered industrial solution used to withstand the environmental elements that cause other Gas Springs to fail, such as, but surely not limited to; various liquids, steam, high temperatures, temperature swings, particulates and tough duty cycles.

XTREME Duty Gas Springs are offered in various stroke lengths and spring rates, as well as two types of material options:

Severe Corrosion Resistant Coating

Ideal for highly corrosive environments where up-time matters



XTREME Duty Gas Springs: Severe Environment

- Designed for the harshest of environments
- Plating offers superior corrosion resistance
- Increased life over standard off-the-shelf Gas Springs
- Highly resistant to ingestion
- Fit to your application with accessory Flanges and clevis mounts

INDUSTRIES: Agriculture and Construction Vehicles, Hot Stamping, Lift Trucks, Mining, Paper and Pulp, Steel Production and Processing

Standard Version

Ideal for applications requiring a hard-wearing, long lasting spring element



XTREME Duty Gas Springs: Standard Version

- Extreme hard coating offers increased wear resistance and good corrosion resistance
- Increased life over standard off-the-shelf Gas Springs
- Highly resistant to ingestion
- Fit to your application with accessory Flanges and clevis mounts

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Product Specifications and Dimensional Information

XTREME Duty Gas Springs are custom designed to fit your application considering; the environment, duty cycle, force requirements and offer a wide variety of mounting arrangements including; bolt holes, sliding pucks, clevis mounts and more.

Offered in a variety of standard models, strokes sizes and two different material options:

XD Series Product Specifications	
Material Options	Severe Corrosion and Standard
Optional Features	Custom-designed to fit application

Model Number	Dimensional Information				Max. Force (lb-f)
	Stroke Length in	Overall Length in	Body OD in	Charge Pressure	
XD-112	1.0-8.0	7.0-28.0	2.00	3,000 psi	4,473
XD-144	1.0-10.0	6.0-24.0	2.62	3,000 psi	7,322
XD-175	1.0-11.0	8.0-38.0	3.15	2,750 psi	10,914
XD-238	1.0-12.0	9.0-42.0	3.62	2,500 psi	35,884
XD-3 50	1.0-12.0	11.0-32.0	5.00	2,500 psi	43,688

To learn how Hyson's XTREME Duty Gas Springs can add exceptional value to your industrial applications, contact our Inside Sales team at Orders@HysonSolutions.com or visit our website.