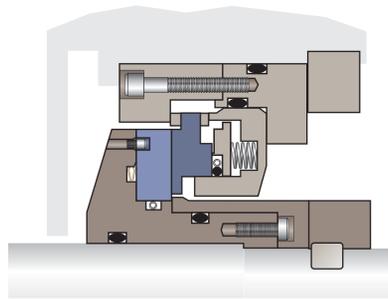
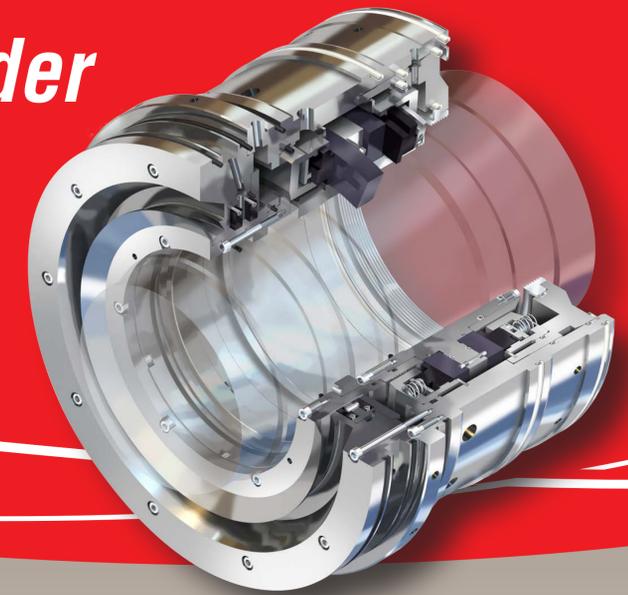


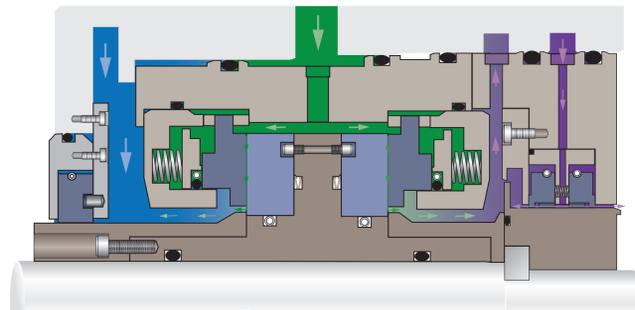


# Gaspac<sup>®</sup> dry gas seals

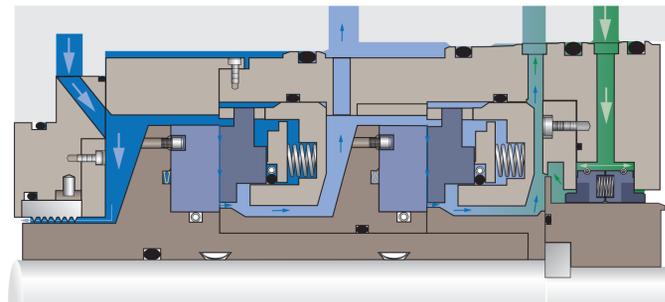
The technology leader  
in turbomachinery  
sealing solutions



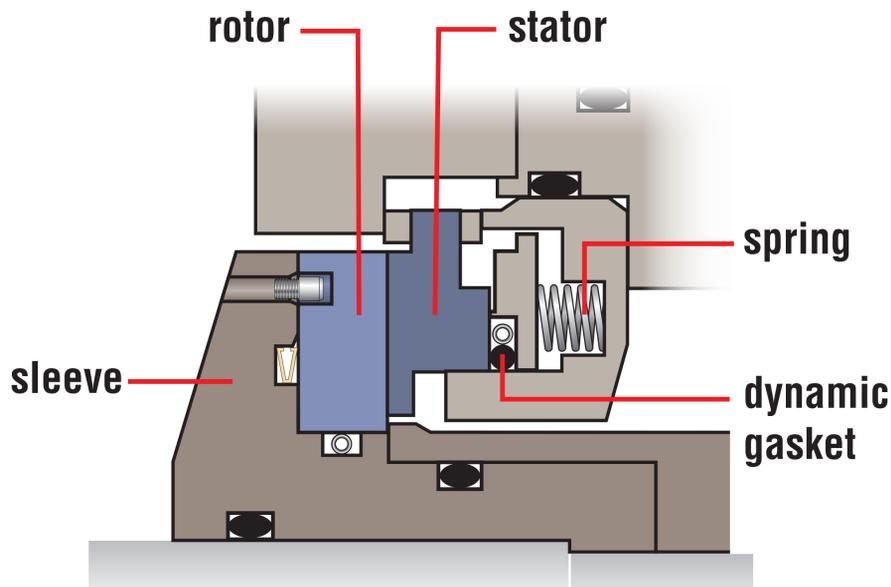
**Gaspac S**  
single dry gas seal arrangement



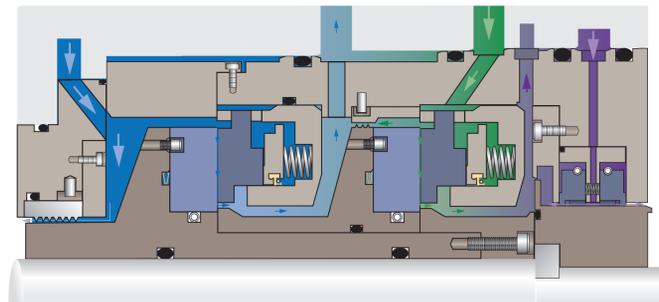
**Gaspac D**  
double dry gas seal with Circpac<sup>™</sup> carbon rings for process and separation seal



**Gaspac T**  
tandem dry gas seal with process labyrinth and Circpac LO separation seal



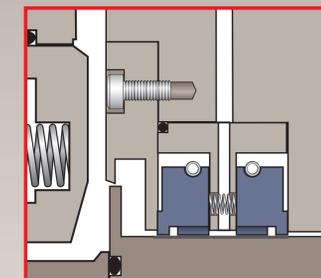
The heart of a Gaspac



**Gaspac L**  
tandem dry gas seal with interstage labyrinth, process labyrinth and Circpac separation seal

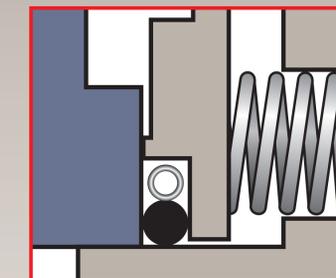
## Advanced features enhance reliability

**Circpac**



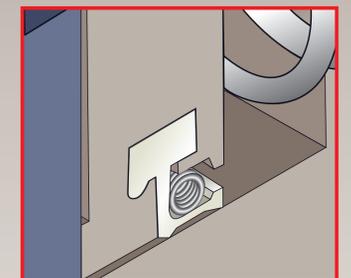
Non-contacting, bi-directional segmented carbon rings protect the dry gas seal from oil contamination.

**SEO - spring energized O-Ring**



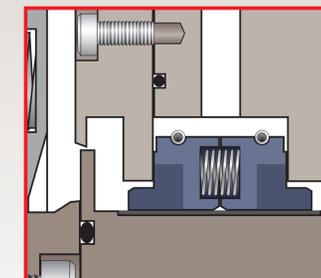
LoDrag<sup>™</sup> secondary dynamic seal provides radial compression to seal the gas medium. Live loading of the dynamic o-ring reduces slip-stick hang-up.

**PTFE J-Ring**



Extends the operating temperature and pressure range. Greater resistance to explosive decompression and chemical attack compared to traditional o-rings.

**Circpac LO**



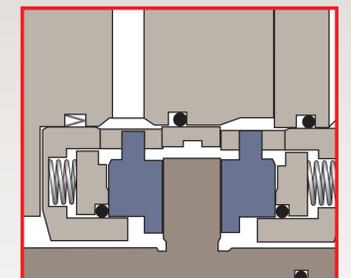
Engineered segmented carbon ring that is a non-contacting lift-off design with minimized clearances for low gas consumption and allows for same gas consumption under static and dynamic conditions.

**Engineered centering strip**



Used on seals that exceed the size and speed permitted for o-rings to center the sleeve on the shaft. The centering strip is fully captured in a dovetail groove.

**Gaspac Integrated Rotor**



A ductile rotor/sleeve dry gas seal reduces the risk of brittle rotating seal face failure and the associated consequential effects to the equipment. The ductile rotor design is commonly used in high speed gear compressors and turbo-expander applications as well as in machines having a limited seal cavity area.

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