

## NON-CONTACTING METAL BELLOWS SEALS



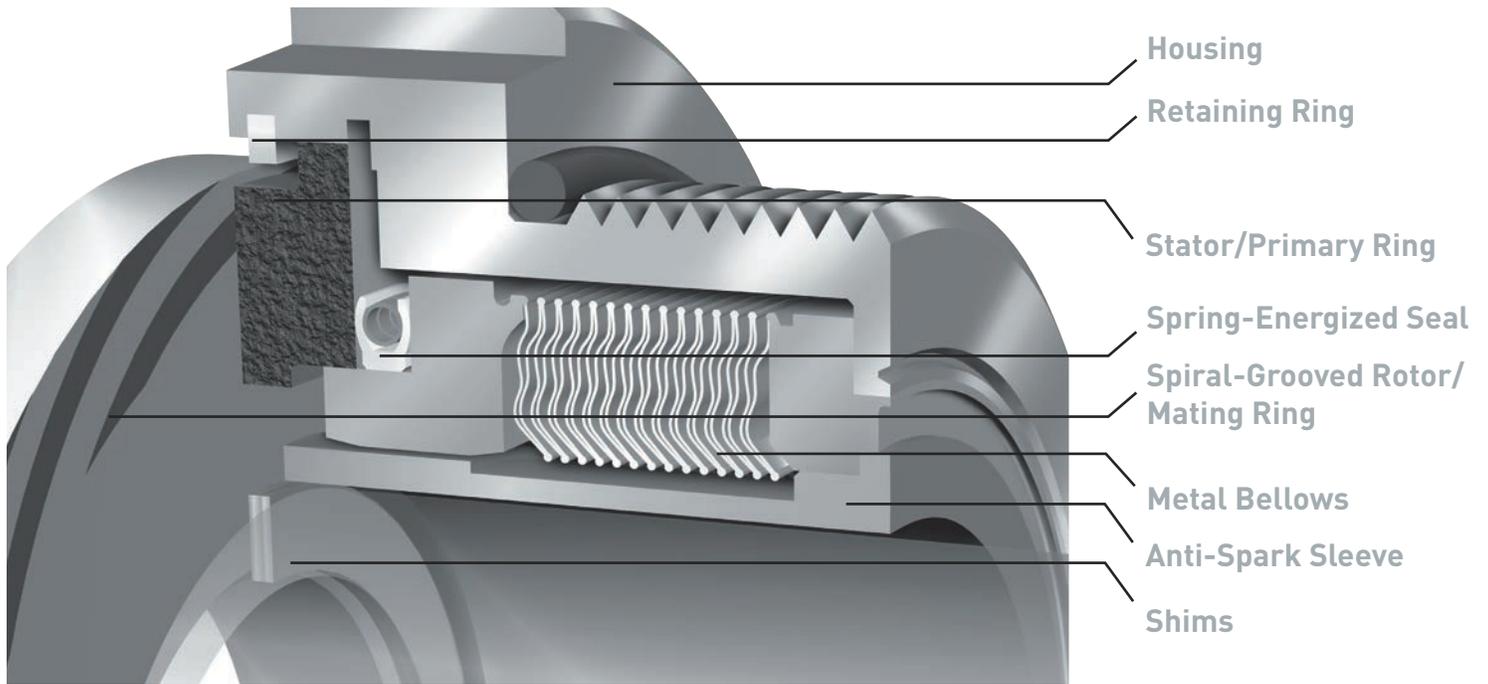
### DESIGN BENEFITS

- Reduces power consumption
- Extends time between maintenance
- Significantly reduces seal face wear

## PRODUCT DESCRIPTION

Seal life is short in cryogenic applications, increasing labor and maintenance time. The spiral groove technology of the Type 285 eliminates seal face wear and other dry running issues, extending seal life, reducing costs and downtime for your operation.

## NON-CONTACTING METAL BELLOWS SEALS



Our commitment to the advancement of the industries we support helps us to ensure peak performance from your equipment even in the toughest applications. Type 285 can safely seal the most common industrial liquid gases, such as liquid nitrogen, oxygen, argon and carbon dioxide and meets liquid oxygen (LOX) safety standards. Combining non-contacting technology with a customized metal bellows design, guarantees safe and dependable performance from the Type 285 across all operating conditions.

### PERFORMANCE CAPABILITIES

Pressure Limits	Speed Limits	Temperature Limits
Vacuum to 100 psi(g)/7 bar(g)	Up to 10,000 rpm	-320°F to ambient/-196°C to ambient

Together, we will work with you to keep your mission-critical operations up and running, with support and guidance from our experienced team.



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If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.