

## UNIVERSAL CARTRIDGE SEAL



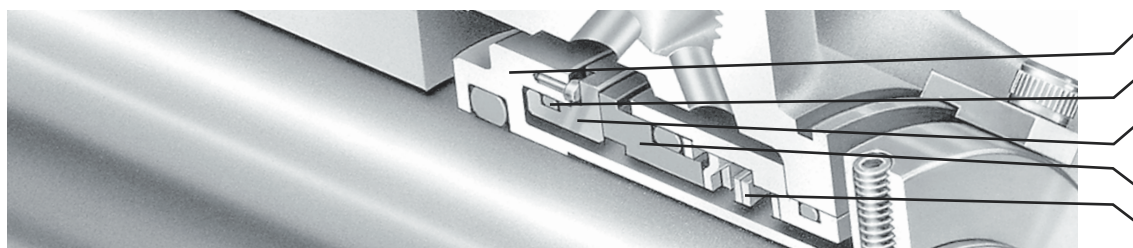
### DESIGN BENEFITS

- Modular design
- Reduces heat generation
- Improves cooling efficiency
- Reduces seal face wear
- Field repairable

## PRODUCT DESCRIPTION

Efficient and reliable operations are vital to your plant's productivity. The flexible, modular design of John Crane's Type 5600 means that one seal can be installed on numerous applications throughout your plant, covering more applications with less inventory and streamlining maintenance procedures. The Type 5600 Series is designed specifically to fit both ANSI and DIN pumps.

## UNIVERSAL CARTRIDGE SEAL



- Sleeve
- Secondary O-ring
- Seat/Mating Ring
- Face/Primary Ring
- Non-clogging Wave Spring

John Crane is committed to creating long lasting relationships with our customers based on the ability to design and supply customized solutions for individual application needs. The changing seal head of the 5600 Series accommodates a full range of liquids, allowing for customization to suit the needs of your plant. With a strong commitment to advancing the technology, we've developed extensions that include dry running capability, increased torque drive designs, liquid quench arrangements and upstream pumping technology.

Seal Type	Arrangement	API 682 compliant	Integral Pumping Arrangement	Reverse balanced design	Atmospheric Quench available	Non-clogging wave spring	Reversible seal head
5610/5610Q	Single	X (5610Q)			X	X	X
5611/5611Q	Single				X		
5615/5615Q	Single	X (5615Q)			X		X
5620/5625	Dual			X		X	X
5620P/5625P	Dual	X	X	X			X

### PERFORMANCE CAPABILITIES

Seal Type	Pressure Limits	Speed Limits	Temperature Limits
5610/5610Q Single, 5620/5620P Single, 5615/5615Q Single and 5625/5625P Dual	Up to 300 psi(g)/21 bar(g)	Up to 5,000 fpm/25 m/s	-20°F to 400°F/-29°C to 205°C
5611/5611Q	Up to 400 psi(g)/27 bar(g)	Up to 5,000 fpm/25 m/s	-20°F to 400°F/-29°C to 205°C

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.