SLURRY SEALS

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FOR SLURRY SEALING



DESIGN BENEFITS

- Interchangeable key parts
- Hydraulically-balanced running face design
- Premium materials for demanding applications
- Available with John Crane Diamond[®] Technology

JOHN CRANE DIAMOND[®]

PRODUCT DESCRIPTION

Problems common to sealing slurry process fluids, such as excessive face wear, atmosphere build-up of solids, and lack of flush water seal support, cost you time and money. John Crane slurry seals tackle volume and abrasive environments, providing options that will ensure optimum machine performance and reduce your total cost of ownership.

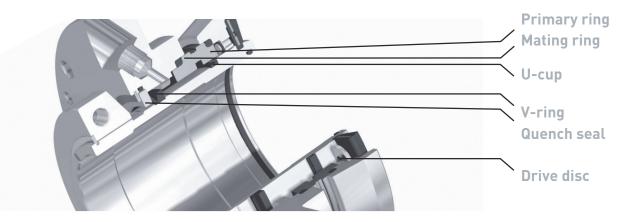
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Your Name Is How We Make Our

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In these premium-material designs, the seal face provides maximum stability and minimum heat generation under adverse conditions, optimizing performance with maximum seal face life and lubrication, outperforming conventional materials.

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|------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------|----------------------|------------------------------------------------------------|-------------------|--------------------------------------------|--------------------|-------------------|
| Seal Type | Arrangement | Applications | Pressure | Temperature | Speed | Size | Clog- resistant | Flush required |
| 5840 | Single | General mining | 21 barg/ 300 psig | 75°C/167°F (w/o quench) 120°C/248°F (with quench) | 15 m/s/ 50 fps | 35 mm to 220 mm/ 1.378" to 8.661" | х | х |
| 5860 | Single/Dual | Harsh abrasive slurry environments | 25 barg/ 360 psig | 80°C/180°F (w/o quench) 200°C/400°F (with quench) | 20 m/s/ 65 fps | 28 mm to 235 mm/ 1.125" to 9.250" | х | |
| 5870 | Single | All paper stock consistencies and light slurry applications | 21 barg/ 300 psig | -40° to 150°C/ -40° to 300°F | 11 m/s/ 36 fps | 35 mm to 106 mm/ 1.375" to 4.312" | X | |

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



North America Middle East & Africa Asia Pacific Latin America Europe United Kingdom United States of America Brazil United Arab Emirates Singapore Tel: 1-847-967-2400 Tel: 44-1753-224000 Tel: 55-11-3371-2500 Tel: 971-481-27800 Tel: 65-6518-1800 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 ISO14001 Certified, details available on request.

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