



FOR SLURRY SEALING



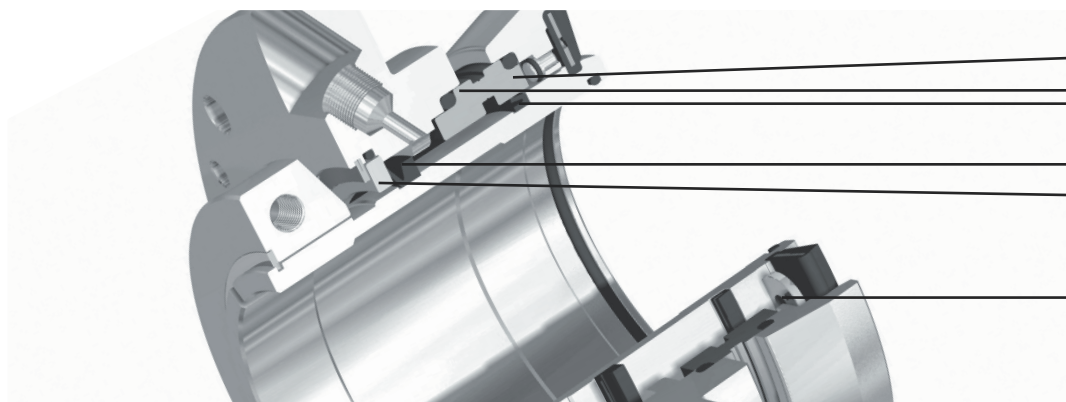
## DESIGN BENEFITS

- Interchangeable key parts
- Hydraulically-balanced running face design
- Premium materials for demanding applications

## 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.

## FOR SLURRY SEALING



- Primary ring
- Mating ring
- U-cup
- V-ring
- Quench seal
- Drive disc

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.

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

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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