

Seal Types



A Rubber covered O.D., metal insert, sealing lip with garter spring



AS Rubber covered O.D., metal insert, sealing lip with garter spring and additional dust lip



VA Outer metal case with reinforcing cap, sealing lip



VB Outer metal case, sealing lip



B Outer metal case, sealing lip with garter spring



BS Outer metal case, sealing lip with garter spring and additional dust lip



VC Rubber covered O.D., metal insert, sealing lip



KA Outer metal case with reinforcing cap, sealing lip with additional dust lip



C Outer metal case with reinforcing cap, sealing lip with garter spring



CS Outer metal case with reinforcing cap, sealing lip with garter spring and additional dust lip

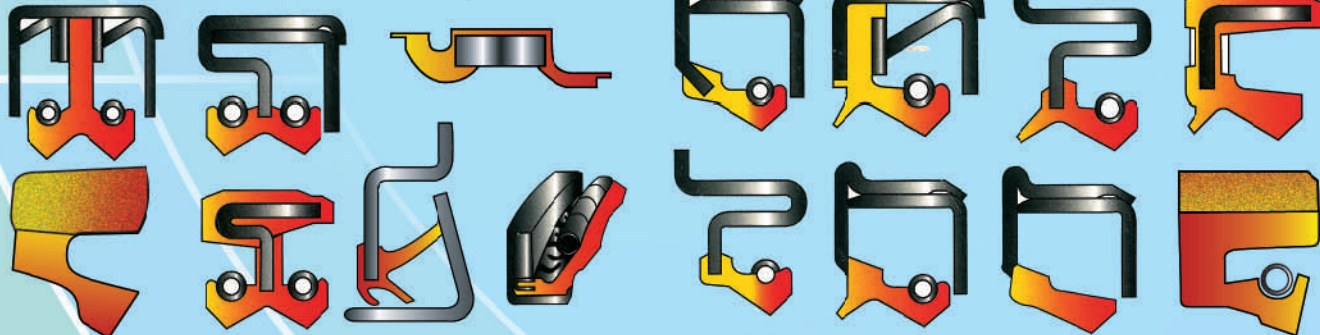


KB Outer metal case, sealing lip with additional dust lip



KC Rubber covered O.D., metal insert, sealing lip with additional dust lip

Additional Seal Types



Seal Materials

NITRILE

- General, all-purpose material, excellent for most mineral oils and greases
- Speeds to 18 m/s
- Temperature range -40° to +120°C

FLUOROCARBON

- Excellent for high temperature applications
- Speeds to 35 m/s
- Resistant to most of the special lubricants and chemicals that destroy nitrile, polyacrylates, or silicones
- Superior performance and wear in heat and harsh environments
- Temperature range -40° to +200°C

SILICONE

- Excellent for low temperature capabilities
- Speeds to 35 m/s
- Not to be used in dry running conditions
- Temperature range -50° to +170°C

PTFE

- Excellent for wide temperature range from -85° to +235°C
- Speeds to 45 m/s
- Runs in dry conditions – very low friction coefficient
- Outstanding resistance to chemicals

**COLONIAL
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Additional Colonial Seal Products & Services

Custom Metal-Cased Shaft Seals

- ■ ISO 9002 Certified
- ■ 24-48 Hour Manufacturing
- ■ NBR, FKM, VMQ, ACM, HNBR, XNBR, EPDM, ▫ ▫ PTFE, FFKM, FELT and LEATHER
- ■ Pressures to 25 BAR
- ■ Sizes from 30mm to 1737mm & 1.2" to 68" OD

Hydraulic Seals

- ■ Manufacturer of U-Cups, Rod and Piston Seals
- ■ Wipers, Wear Bands, Guide Rings, and Back-up Rings

Mechanical Seals

- ■ Replacement seals and parts for John Crane
- ■ Durametalllic, Flowserve, Burgmann & others

Other Products

- ■ V-Seals, Bonded Rubber Seals, Valve Stem Seals, O-rings, Rubber Molded Parts & Bushings

Services

- ■ Seal Design
- ■ Prototyping
- ■ Testing
- ■ Failure Analysis
- ■ Application Consulting

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**COLONIAL
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Rotary Shaft Seals



ISO Certified Manufacturing

Metric sizes from
5mm - 1,400mm OD

Inch sizes from
0.50" - 98.75" OD

Low tooling charges

FDA and UL



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