



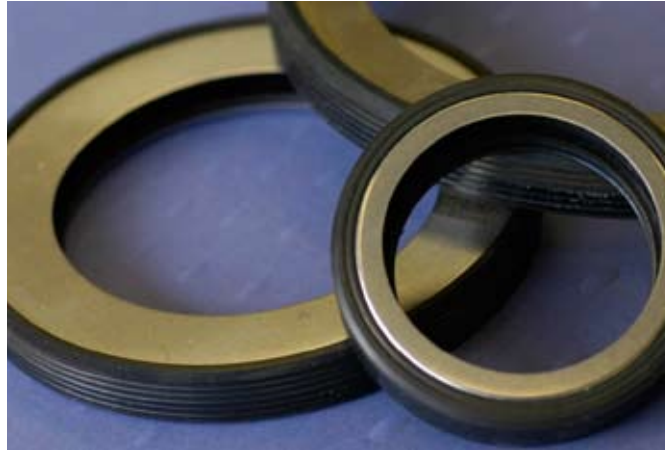
***VR Lip Seal***  
***Ultra Low Friction***  
***High Speed***  
***High Pressure***

# The VR Lip Seal is the latest in a range of innovative sealing solutions from Ceetak.

The VR Lip seal is quite different from the standard oil seal. The elastomeric sealing elements are not vulcanised to the metal supports. This enables the sealing lips to seal pressure without transferring the force to the rotating shaft. The metal supports are sized to ensure the sealing lip is supported which results in optimum sealing.

By supporting the sealing lip it is possible to withstand high pressures. Standard seals can seal up to 15 bar, depending on the rotational speed and the temperature.

For special applications please contact our technical sales department.



VR has successfully sealed water at a rotation of 5000 rpm and a pressure of 60bar.

VR Lip Seals can be used in a wide range of rotary shaft applications including:

Food Process

Chemical Process

Pumps (Water, Oil)

Electronics

## Key features & benefits

- Low radial forces
- No scoring of shaft
- Low power loss
- Low friction sealing lips
- No mechanical pressing of seal in housing
- No re-working of damaged shaft using type V08
- Standard ISO H8/H11 tolerances
- Shaft/housing surface finish standard tolerances
- Only one third force required compared to traditional spring energised seal
- Reduced temperature in sealing lip
- Ease of fitting
- Fit into standard housings
- Suitable for a wide range of applications
- Wide range of elastomers available including food grade FDA
- Up to 50ms
- Up to 200 Bar



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