

Cassette Seal

TYPE

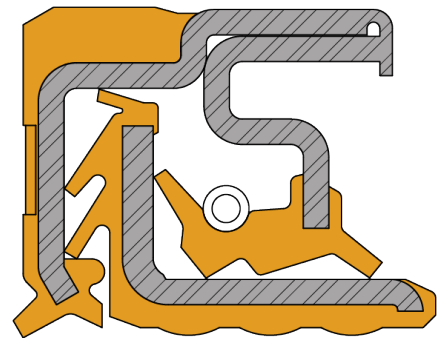
AP55

Features

The half-covered rubber O.D. ensures a secure metal-to-metal press fit, while the internal labyrinth design with a spring-loaded dust lip enhances dirt protection. Rubber I.D. ribs provide a reliable static seal, and grease-infused lips and bumpers maximize internal lubrication.

Material

Rubber: NBR (Standard)
Case: JIS G3141 SPCC (Standard)
JIS G3311 S50CM for Sleeve
Spring: JIS G4314 SUS304 (Standard)



Operating Conditions

Media

Greases

Temperature

NBR: -40 ~ 80°C

Pressure

Not Allowed

Speed

$V \leq 2 \text{ m/s}$

NOTE:

1. The maximum operating temperature for NBR materials must not exceed 80°C.
2. Maximum permissible values depend on the other operating conditions.
3. Speed specification: DIN 3760 not applicable.



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Fitting and Installation

Careful installation according to DIN 3760 ensures the sealing function of the oil seal.

Shaft

Tolerance: ISO h8

Roughness: Ra 1.6 ~ 3.2 μ m

Runout: < 0.25 mm

Bore

Tolerance: ISO H8

Roughness: Ra 1.6 ~ 3.2 μ m



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