Technical Data and Features of the NOK Double Oil Seal

**Double Cage**
This seal requires some assembly process. Which will mechanically hold the seal together. The inner metal case is used to protect the main lip and also provides more rigidity to the seal.

**Double Lip**
This radial shaft seal has a secondary lip or double lip to assist in keeping dust, debris, and other contaminates out from an outside environment.

**Metal OD**
Metal can be ground or un-ground. Un-ground is acceptable in most applications. Ground OD is used to ensure closer tolerances.

**Spring Energized Lip**
This Radial Shaft Seal utilizes a spring to energize the sealing lip.

**'Y' Designation**
This seal has a feature which distinguishes it from others in the same product category, i.e.: additional dust lip, stainless spring, material color, etc.

**TA2**
NOK Metal OD, Double Lip, Dual Case Oil Seal
Non Pressure Type, Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Dual Metal OD, Spring Loaded, Dual Lip
**TA2Y**  
NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature  
Non Pressure Type, Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Dual Metal OD, Spring Loaded, Dual Lip

**TA3**  
NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature  
Metal OD, Sealing of low viscosity media, Dual Lip, Spring Loaded. Auxiliary lip directed towards main lip. Allows for installation from the auxiliary side.

**TA3Y**  
NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature  
Metal OD, Sealing of low viscosity media, Dual Lip, Spring Loaded. Auxiliary lip directed towards main lip. Allows for installation from the auxiliary side. Special Feature

**TA4Y**  
NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature  
Non Pressure Type, Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Dual Metal OD, Spring Loaded. This seal has a complex lip series having one main lip and two auxiliary lips. Normally for small applications. This seal also has special features added.

**TA9Y**  
NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature  
Non Pressure Type, Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Dual Metal OD, Spring Loaded, Dual Lip with additional side lip and special features.
TAJ  NOK Metal OD, Double Lip, Dual Case Oil Seal with PTFE Lip
Non Pressure Type, Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Dual Metal OD, Spring Loaded, Dual Lip with PTFE

TAY  NOK Metal OD, Double Lip, Dual Case Oil Seal-Special Feature
Dual lips with 2 metal cases for severe grease sealing and non-pressure applications. Special Feature

TB  NOK Metal OD, Double Lip Oil Seal
Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Metal OD, Spring Loaded, Dual Lip.

TB2  NOK Metal OD, Double Lip Oil Seal
Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Metal OD, Spring Loaded, Dual Lip

TB2Y  NOK Metal OD, Double Lip Oil Seal-Special Feature
Fluid Sealing Applications, Severe Grease Conditions, Light Duty Exclusion, Metal OD, Spring Loaded, Dual Lip-Special Feature
**TB3**

**NOK Metal OD, Double Lip Oil Seal with Auxiliary Dust Lip**


**TB4**

**NOK Metal OD, Two stepped Main Lip Oil Seal with Auxiliary Dust Lip**

Severe reciprocating shaft applications can be effectively sealed by the "T4" design. Pressure up to 100 psi (7 kg/cm²) can be sealed, such as in shock absorbers.

Please contact Industrial Seal Inc. for More sizes and Technical Information