Technical Data and Features of the NOK Single Lip No Spring Oil Seal

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

- **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.

- **Non-spring Loaded Shaft Seal**
  This radial shaft seal is used for sealing grease or other viscous fluid. Most commonly found in non-critical applications.

- **Single Lip Design**
  This Radial Shaft Seal has a single sealing lip design.

- **PTFE Sealing Lip**
  Special PTFE sealing lip for lower friction.

- **'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.
**VA1J**  
NOK Metal OD, Single PTFE Lip, Dual Case Oil Seal, No Spring  
Metal O.D. design with an inner case design for greater structural rigidity. PTFE lip required for difficult sealing applications.

**VAJ**  
NOK Metal OD, Single PTFE Lip, Dual Case Oil Seal, No Spring  
Metal O.D. design with an inner case for greater structural rigidity. PTFE lip required for difficult sealing applications.

**VAJY**  
NOK Metal OD, Single PTFE Lip, Dual Case Oil Seal, No Spring  
Metal O.D. design with an inner case for greater structural rigidity. PTFE lip required for difficult sealing applications. This seal has additional special features.

**VAY**  
NOK Metal OD, Single Lip, Dual Case Oil Seal, No Spring  
Metal O.D. design with an inner case for greater structural rigidity. PTFE lip required for difficult sealing applications.

**VB**  
NOK Type VB/B10F Oil Seal  
Metal O.D. with fluid side rubber covered. Most commonly used for sealing grease or other viscous fluids or as a dust excluder.
**VB1**  
**NOK Metal OD, Single Lip Oil Seal, No Spring**  
Metal O.D. with fluid side rubber covered. Most commonly used for sealing grease or other viscous fluids or as a dust excluder.

**VB2**  
**NOK Metal OD, Single Lip Oil Seal, No Spring**  
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip. Mainly used in low-duty applications.

**VB2J**  
**NOK Metal OD, Single Lip Oil Seal, No Spring with PTFE Lip-Special**  
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip with PTFE. Mainly used in low-duty applications.

**VB2Y**  
**NOK Metal OD, Single Lip Oil Seal, No Spring-Special Feature**  
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip. Mainly used in low-duty applications. This seal has additional special features.

**VB5**  
**NOK Metal OD, Single Lip Oil Seal, No Spring-Special Feature**  
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip. Mainly used in low-duty applications. This seal has an added flange.
VB5Y  NOK Metal OD, Single Lip Oil Seal, No Spring-Special Feature
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip. Mainly used in low-duty applications. This seal has a flange and additional special features.

VB9  NOK Metal OD, Mulit- Lip Oil Seal, No Spring-Special Feature
Grease or viscous fluid retention or dust exclusion, Metal O.D., No Spring, Single Lip. Mainly used in low-duty applications. This seal has an additional side lip.

VBJ  NOK Metal OD, Single Lip Oil Seal, No Spring with PTFE Lip-Special
Metal O.D. with fluid side rubber covered. Most commonly used for sealing grease or other viscous fluids or as a dust excluder. Metal O.D., No Spring PTFE on main lip

VBY  NOK Metal OD, Single Lip, Oil Seal-Special Feature
Metal O.D. with fluid side rubber covered. Most commonly used for sealing grease or other viscous fluids or as a dust excluder.

VC  NOK Rubber OD, Single Lip Oil Seal, No Spring
Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip. Mainly used in low-duty applications.
**VC5**

**NOK Rubber OD, Single Lip Oil Seal, No Spring-Special Feature**

Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip. Mainly used in low-duty applications. This seal also has a flange.

**VC5Y**

**NOK Rubber OD, Single Lip Oil Seal, No Spring-Special Feature**

Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip. Mainly used in low-duty applications. This seal also has a flange and added special features.

**VC9Y**

**NOK Rubber OD, Multi- Lip Oil Seal, No Spring-Special Feature**

Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip. Mainly used in low-duty applications. This seal has an additional side lip and special features added.

**VCJ**

**NOK Rubber OD, Multi- Lip Oil Seal, No Spring with PTFE Lip-Special**

Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip with PTFE. Mainly used in low-duty applications.

**VCJY**

**NOK Rubber OD, Multi- Lip Oil Seal, No Spring with PTFE Lip-Special**

Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip with PTFE. Mainly used in low-duty applications. This seal has additional special features.
VCY

NOK Rubber OD, Single Lip Oil Seal, No Spring-Special Feature
Economic design for grease or viscous fluid retention or as a dust excluder, Rubber OD, No Spring, Single Lip. Mainly used in low-duty applications.