



K09 is a single acting wiper ensuring that foreign particles do not penetrate into the hydraulic systems, avoiding wear and damage to all the internal components including seals.

#### PRODUCT ADVANTAGES

- Very good wiping performance
- No twisting in the housing
- Specially design to prevent big particles to go into the system
- Wide range of dimensions
- Used in heavy conditions by the good mechanical properties of PU material
- Secure seating into the groove

#### APPLICATION

Construction machinery, forklift-trucks, injection moulding machines, agricultural machinery and standard cylinders.

#### SURFACE ROUGHNESS

		Ra	Rmax
<b>Sliding Surface</b>	Ød	≤0.4 µm	≤3.2 µm
<b>Groove Base</b>	ØD	≤1.6 µm	≤10 µm
<b>Groove Flanks</b>	S1	≤3.2 µm	≤16 µm

#### INSTALLATION

Generally, wiper can be easily fitted into the closed housing by deforming into a kidney shape. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the wiper must be oiled with system oil.

#### NOTES

K09 wipers are single acting and can be used with combination of all rod sealing elements. K09 wipers can be produced on request in FKM for special applications that require high temperatures.

#### MATERIAL

		CODE
<b>NBR</b>	90 SHORE A	NB9001
<b>PU</b>	92 SHORE A	PU9201

#### OPERATING CONDITIONS

##### NBR

<b>MEDIA</b>	Mineral oils (DIN 51524)	HFA and HFB	HFC
<b>TEMPERATURE</b>	-30°C +105°C	+5°C +60°C	-30°C +60°C
<b>SPEED</b>	≤1.0 m/sec	≤1.0 m/sec	≤1.0 m/sec

##### PU

<b>MEDIA</b>	Mineral oils (DIN 51524)	HFA and HFB	HFC
<b>TEMPERATURE</b>	-30°C +100°C	+5°C +50°C	-30°C +40°C
<b>SPEED</b>	≤1.0 m/sec	≤1.0 m/sec	≤1.0 m/sec

Note: The above data are maximum values and cannot be used at the same time.