



K06 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
- Simple, easy-construction groove
- Wide range of dimensions
- No twisting in the housing
- Easy installation
- Specially designed to prevent big particles to go into the system
- Used in heavy conditions by the good mechanical properties of Polyurethane material.

APPLICATION

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

MATERIAL		CODE
NBR	90 SHORE A	NB9001
PU	92 SHORE A	PU9201

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

POLYURETHANE			
MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC
TEMPERATURE	-30°C +100°C	+5°C +50°C	-30°C +40°C
SPEED	≤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.

SURFACE ROUGHNESS	Ra	Rmax
Sliding Surface	≤0.4 μm	≤3.2 μm
Groove Base	≤1.6 μm	≤10 μm
Groove Flanks	≤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

K06 wipers are single acting and can be used with combination of all rod sealing elements. K06 wipers can be produced on request in FKM material for special applications that require high temperatures.