

## K05



K05 is a single acting wiper ensuring that foreign particles are not introduced into the hydraulic systems, avoiding wear and damage to all the internal components including seals.

### PRODUCT ADVANTAGES

- Superior wiping performance
- Improved wiping effect of dirt, water spray, etc with the help of the secondary sealing lip on the outer diameter
- Simple, easy-construction groove
- Wide range of dimensions
- No twisting in the housing
- Used in heavy conditions by the good tear and rupture properties of PU material.
- Easy installation
- Specially design to prevent big particles to go into the system

### APPLICATION

Used especially in earth moving equipment, agricultural machinery, telescopic cylinders, cranes, mining equipment and loading platforms.

MATERIAL		CODE
PU	95 SHORE A	PU9501

OPERATING CONDITIONS			
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	Ød	≤0.4 µm	≤3.2 µm
Groove Base	ØD	≤1.6 µm	≤10 µm
Groove Flanks	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

K05 wipers are single acting and can be used with combination of all rod sealing elements.