



K05 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

- 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.

