



K103 is a single acting double wiper ensuring that foreign particles are not introduced into the hydraulic cylinders. The lip is designed in a particular way that it reliably wipes off the dirt but leaves a residual oil film on the rod.

#### PRODUCT ADVANTAGES

- Good wiping effect
- Wide range of dimensions
- No twisting in the housing
- Wiper lip reliably wipes away dirt and leaves a residual oil film on the retracting rod.
- Double lip makes additional protection to prevent the particles to enter into the cylinder
- Easy installation

#### APPLICATION

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

MATERIAL		CODE
PU	92 SHORE A	PU9201

OPERATING CONDITIONS			
<b>MEDIA</b>	Mineral oils (DIN 51524)	HFA and HFB	HFC
<b>TEMPERATURE</b>	-40°C +100°C	+5°C +50°C	-20°C +50°C
<b>SPEED</b>	≤1.0 m/sn	≤1.0 m/sn	≤1.0 m/sn

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

#### 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>	B	≤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.