



K52 is a single acting pneumatic wiper ensuring that foreign particles do not penetrate into the hydraulic cylinders. The lip is designed in a particular way that it functions as a rod seal and wiper.

PRODUCT ADVANTAGES

- Superior sealing effect
- Superior wiping effect
- Low static and dynamic friction
- Minimal space requirement
- High wear resistant

APPLICATION

Compact and special small cylinders.

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

OPERATING CONDITIONS

NBR

MEDIA	Prepared, dried and de-oiled compressed air
TEMPERATURE	-30°C +105°C
PRESSURE	≤12 Bar
SPEED	≤1.0 m/sec

PU

MEDIA	Prepared, dried and de-oiled compressed air
TEMPERATURE	-30°C +80°C
PRESSURE	≤16 Bar
SPEED	≤1.0 m/sn

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

SURFACE ROUGHNESS

		Rmax
Sliding Surface	∅d	≤4 μm
Groove Base	∅D	≤10 μm
Groove Flanks	B	≤15 μm

INSTALLATION

It can be assembled into closed groove by hand. K52 does not need additional element such as circlip for axial fitting within the housing. We recommend using special assembly tool. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the sealing element must be oiled with system oil.

NOTES

For special applications that require high temperatures, K52 can be produced in FKM.