



K30 is a single acting wiper seal combination which consists of a metal vulcanized with elastomeric nitrile rubber using special production methods.

#### PRODUCT ADVANTAGES

- Superior wiping effect
- Superior sealing effect
- Wide range of dimensions
- Able to work in hard conditions
- Good adjustment to temperature changes thanks to the metal ring

#### APPLICATION

Pneumatic cylinders.

MATERIAL		CODE
NBR	70 SHORE A	NB7001
STEEL	ST37	FE9901

#### OPERATING CONDITIONS

MEDIA	Prepared, dried and de-oiled compressed air
TEMPERATURE	-30°C +105°C
PRESSURE	≤16 Bar
SPEED	≤1.0 m/sec

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

#### SURFACE ROUGHNESS

SURFACE ROUGHNESS		Rmax
Sliding Surface	Ød	≤4 µm
Groove Base	ØD2	≤10 µm
Groove Flanks	S1	≤15 µm

#### INSTALLATION

K30 wiper/seal is fitted into the housing by means of a circlip recess. The sealing part is pushed in and fixed by the circlip. 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, K30 can be produced in FKM.