



K53 is a pneumatic cushioning seal with special design spacer lug and flow passages to cushion at the end of the stroke in pneumatic cylinders.

PRODUCT ADVANTAGES

- Easy installation
- Reliable damping due to the flow passages and automatic centering
- Able to work in hard conditions

APPLICATION

Pneumatic 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/sec

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

SURFACE ROUGHNESS

		Rmax
Sliding Surface	Ød	≤4 µm
Groove Base	ØD	≤10 µm
Groove Flanks		≤15 µm

INSTALLATION

It can be installed into closed groove manually. 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, K53 can be produced in FKM.