



K25 is a double acting complete piston seal which consists of a steel plate vulcanized with elastomeric nitrile rubber using special production methods.

PRODUCT ADVANTAGES

- Ready to fit complete piston
- Wide range of dimensions
- Low friction and smooth running due to sealing lip geometry
- Easily fastened to the piston rod without using additional sealing elements
- Long service life
- Economical sealing solution

APPLICATION

Steel and aluminium pneumatic cylinders.

MATERIAL		CODE
NBR	75 SHORE A	NB7501
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

	ØD	Rmax
Sliding Surface	ØD	≤4 µm

INSTALLATION

K25 is pushed onto the piston rod on the clamping flange towards the rod and fixed by fastening. The nut has to be secured. The sliding surface and the cylinder bore should be oiled with oil that must not go into the reaction with the sealing element during the installation process. Special precautions must be taken at the end of the strokes to avoid damaging of the sealing lips.

NOTES

For special applications that require high temperatures, K25 can be produced in FKM.