



K55 is a single acting complete piston seal which consists of an aluminium plate vulcanized with elastomeric nitrile rubber using special production methods.

PRODUCT ADVANTAGES

- Ready to fit complete piston
- Reliable pressure application at the end of stroke by the venting passages.
- Low friction and smooth running due to sealing lip geometry
- Easily fastened to the piston rod without using additional sealing elements
- Economical sealing solution

APPLICATION

Standard pneumatic cylinders and after market.

MATERIAL		CODE
NBR	70 SHORE A	NB7001
ALUMINIUM		AL9901

OPERATING CONDITIONS

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

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

SURFACE ROUGHNESS

Rmax

Sliding Surface

≤4 μm

INSTALLATION

K55 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.

NOTES

For special applications that require high temperatures, K55 can be produced in FKM.