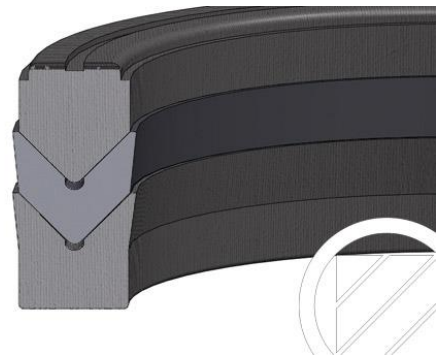


KDS 01



DESCRIPTION

Product group: piston seal

Bauform: DS V-packing set

Profile no.: 01

Specification: E suitable for one-sided pressure load

Model: 1/0 combination of fabric and elastomer ring

Material: NBR fabric

Pressure ring: POM

OPERATIONAL APPLICATION LIMITS

Pressure (MPa): ≤ 40

Temperature (°C): -30 to $+100$

Running speed (m/s): ≤ 0.5

MEDIA

- Hydraulic oils acc. to DIN 51524 Part 1 – 3
- Lubricating oils
- Mineral oil based lubricating greases
- Highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

FUNCTION

The V-packing set KDS 01 1/0 is a sealing system with one V-packing made of NBR fabric. The combination KDS 01 is a sealing system which is pressure supported and attains very low leakage rates.

INSTALLATION

The installation must be done in open installation housings, i.e. the piston must be split so that the sealing sets can be installed deformation-free. The elements are always installed separately in the seal housing. For applications in double acting cylinders, it is important that the V-packing sets have axial space ($L > H$).

REMARKS

For piston sealing, the combination 1/0 is used as a V-packing set, as a rule. If required, all other combinations are possible. For special applications, individual V-packings can be supplied made of different materials e.g. the support rings made of a PTFE-Bronze compound.

