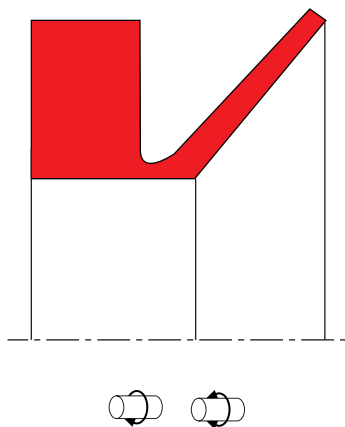


SEAL SPEC

R06-SD



description

elastic, excellent wear resistant v-ring with interference fit on the shaft, rotates with the shaft, sealing axially against shaft collars, thrust blocks or the outer race of roller bearings, protecting the bearing against dust, dirt, oil splash, watersplash and similar media. acting as a seal and slingerring.

category of profile

machined product only

axially acting rotary shaft seal

the R06-SD seal is designed for use as a rotary shaft seal

operating parameter & material

material	temperature	max surface speed	max pressure ¹
PU	-30 °C ... +110 °C	25 m/s	-
HPU	-20 °C ... +110 °C	25 m/s	-
SPU	-20 °C ... +110 °C	25 m/s	-
LTPU	-50 °C ... +110 °C	25 m/s	-
GPU	-30 °C ... +110 °C	25 m/s	-
NBR	-30 °C ... +100 °C	25 m/s	-
FKM	-20 °C ... +200 °C	25 m/s	-
EPDM ²	-50 °C ... +150 °C	25 m/s	-
HNBR	-25 °C ... +150 °C	25 m/s	-

¹ pressure ratings are dependent on the size of the extrusion gap.

² attention: not suitable for mineral oils!

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

tolerance recommendation

seal housing tolerance	
Ød	h11

surface quality

surface roughness	Rtmax (µm)	Ra (µm)
roughness	≤12	≤2,5

seal & housing recommendations

please note that we are able to produce those profiles to your specific need or any non standard housing. for detail measurements, please see seal-mart catalog...

