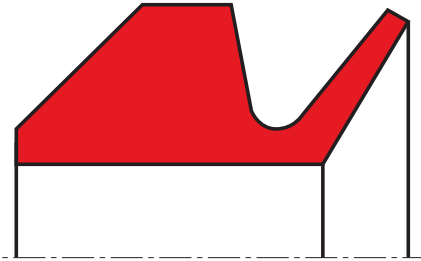


v-ring R07-P

seal spec



description

elastic, excellent wear resistant VRing 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.

application



category of profile

machined only.

axially acting rotary shaft seal

operating parameters & material

diameter range: up to 600 mm

material	temperature	max. surface speed	max. pressure ¹
s-mart PU	-30 °C ... +110 °C	25 m/s	-
s-mart HPU	-20 °C ... +110 °C	25 m/s	-
s-mart SPU	-20 °C ... +110 °C	25 m/s	-
s-mart LTPU	-50 °C ... +110 °C	25 m/s	-
s-mart GPU	-30 °C ... +110 °C	25 m/s	-

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.

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

surface quality

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

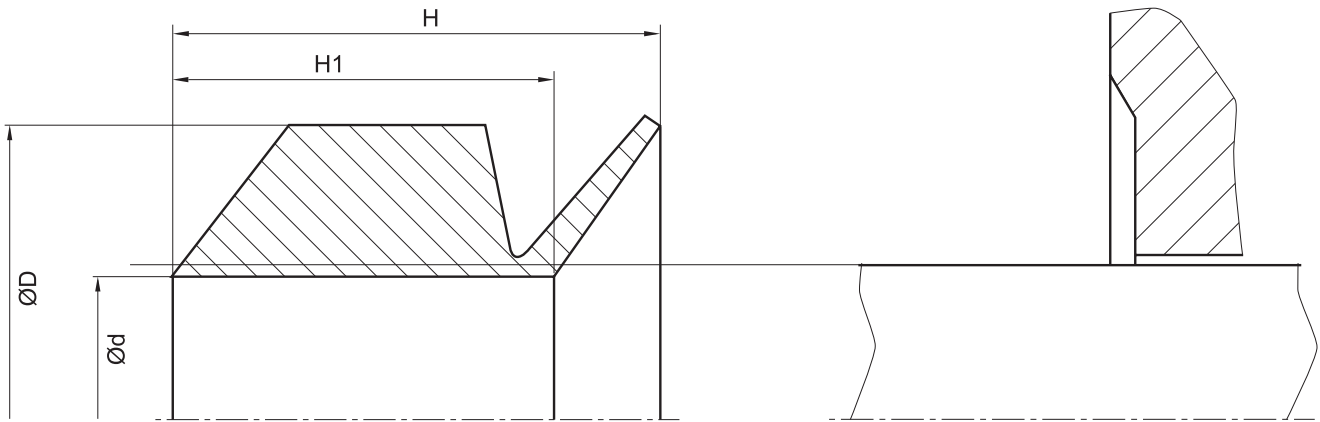
tolerance recommendation

seal housing tolerances	
Ød	h11



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...



don't hesitate to contact our technical department for further information or for special requirements (temperature, speed etc.), so that suitable materials and/or designs can be recommended.