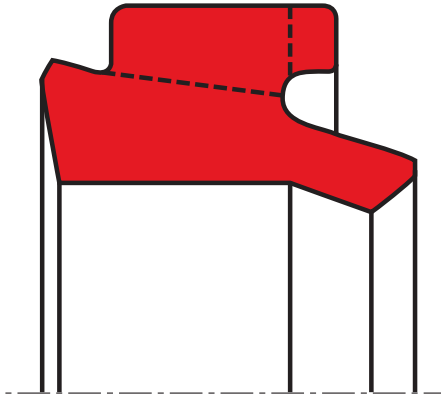


cushioning A74

seal spec



description

cushioning seal A74 with spacer lug and flow passages. integrated nonreturn valve function due to axial seal, spacer lugs and flow passages.

application



category of profile

machined or molded/standard/trade product.

area of application: pneumatic

damping element e.g. for ISO cylinders.

advantages

product constant, reliable damping function due to automatic centring.

operating parameters & material

material	temperature	max. surface speed	max. operating pressure ¹
s-mart PU (90 shore A)	-30 °C ... +90 °C	1 m/s	25 bar (2,5 Mpa)
s-mart PU (94 shore A)	-30 °C ... +90 °C	1 m/s	25 bar (2,5 Mpa)

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

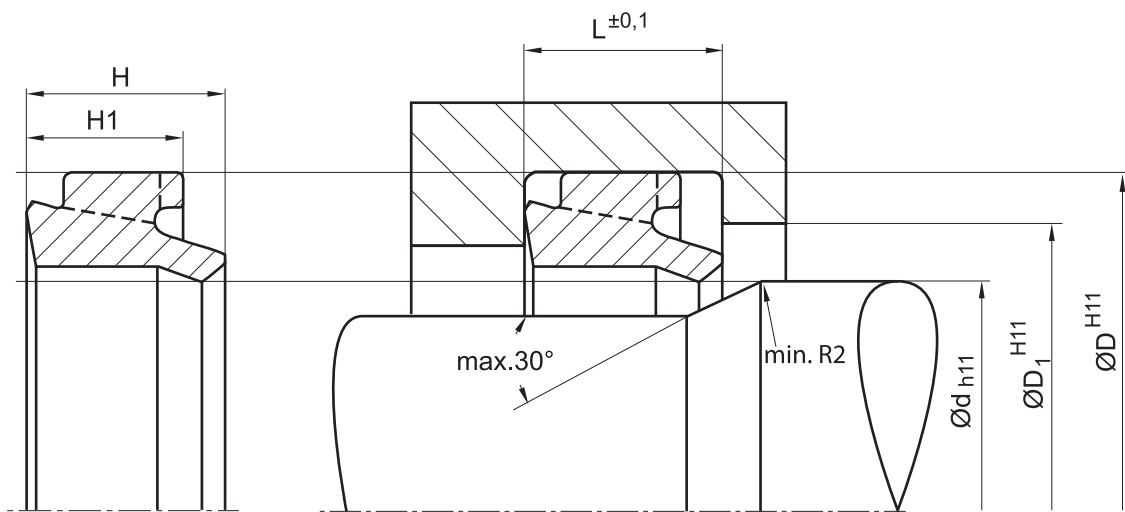
surface roughness	Rtmax (µm)	Ra (µm)
sliding surface	according to seal data	
bottom of groove	≤4	≤0,5
groove face	≤10	

fitting & installation

Careful fitting is a prerequisite for the correct function of the seal. damper seals can be snapped by hand into the housing grooves provided.

**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.