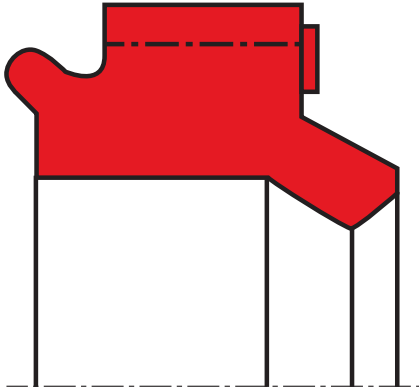


cushioning A73

seal spec



description

cushioning/damper seal A73 with spacer lug and flow passages.

application



category of profile

machined or molded/standard/trade product.

area of application: pneumatic

damping seal e.g. for ISO cylinders.

advantages

- integrated non-return valve function through axial seal, spacer lugs and flow passages.
- constant, reliable damping function due to automatic centring.

operating parameters & material

material	temperature	max. surface speed	max. operating pressure ¹
s-mart NBR (90 Shore A)	-30 °C ... +100 °C	1 m/s	16 bar (1,6 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	≤0,5

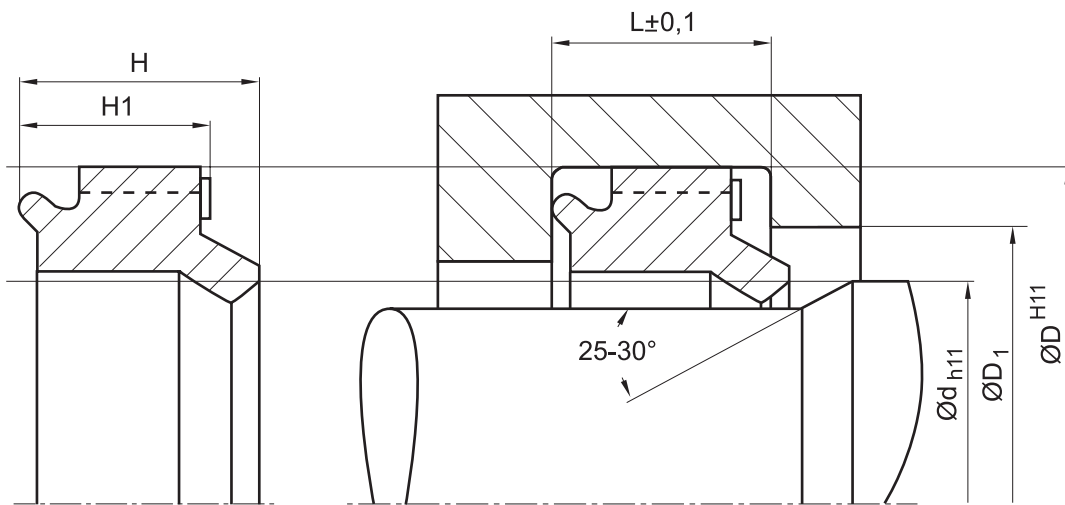
fitting & installation

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.