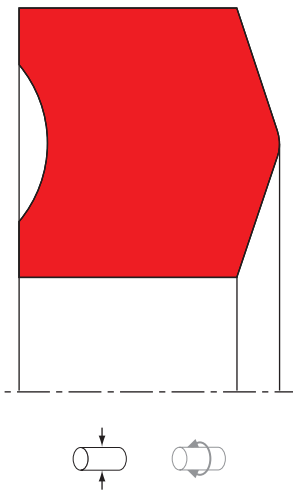


# SEAL SPEC R35-A



## description

flange seal for static applications, suitable for high pressure range. direction of pressurization (from inside or outside) must be indicated when ordering the seal.

## category of profile

machined only product.

## surface quality

surface roughness	Rtmax (µm)	Ra (µm)
surface roughness	≤10	≤1,6

## tolerance recommendation

seal housing tolerance	
∅d	h10
∅D	h10

## operating parameter & material

material	temperature	max. pressure <sup>1</sup>
PU	-30 °C ... +110 °C	800 bar (80 MPa)
HPU	-20 °C ... +110 °C	800 bar (80 MPa)
SPU	-20 °C ... +110 °C	800 bar (80 MPa)
LTPU	-50 °C ... +110 °C	800 bar (80 MPa)
GPU	-30 °C ... +110 °C	800 bar (80 MPa)
NBR	-30 °C ... +100 °C	250 bar (25 MPa)
FKM	-20 °C ... +200 °C	250 bar (25 MPa)
EPDM	-50 °C ... +150 °C	250 bar (25 MPa)
HNBR	-25 °C ... +150 °C	250 bar (25 MPa)
MVQ	-60 °C ... +200 °C	250 bar (25 MPa)

<sup>1</sup> pressure ratings are dependent on the size of the extrusion gap.

<sup>2</sup> POM up to ∅260 mm, PA above ∅260 mm

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.

## 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...

