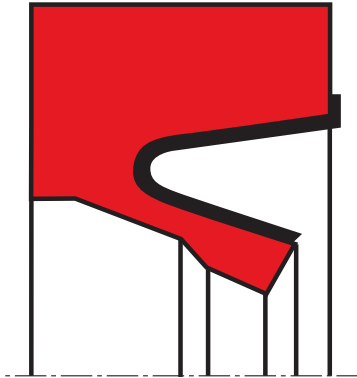


oil seal R84

seal spec



description

type R84 is a split oil seal with a vulcanised stainless steel finger spring. extremely suitable for difficult mounting conditions and seal changes at site. preferably used in applications with grease lubrication and high contamination. in endless form suitable as wiper in hydraulic applications.

sealing lip with finger spring.

application



category of profile

molded/standard/trade product only.

single acting rotary shaft seal

area of application

hydraulic applications.

dimensions

150 Ø- 1300 Ø mm shaft size

available standard cross sections:

12,5 x 12,5 mm

15 x 15 mm

20 x 20 mm

25 x 20 mm

also available in inch dimensions.

operating parameters & material

material		temperature	max. surface speed
material	spring		
s-mart NBR 70 shore A (±5)	stainless steel finger spring	-20°C ... + 120°C	≤ 10 m/s
s-mart FKM 70 shore A (±5)		-20°C ... + 220°C	≤ 10 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.

surface quality

surface roughness	Rtmax [µm]	Ra (µm)
shaft	≤6,3	≤0,2-0,8
bottom of groove	≤25	≤1,6-6,3

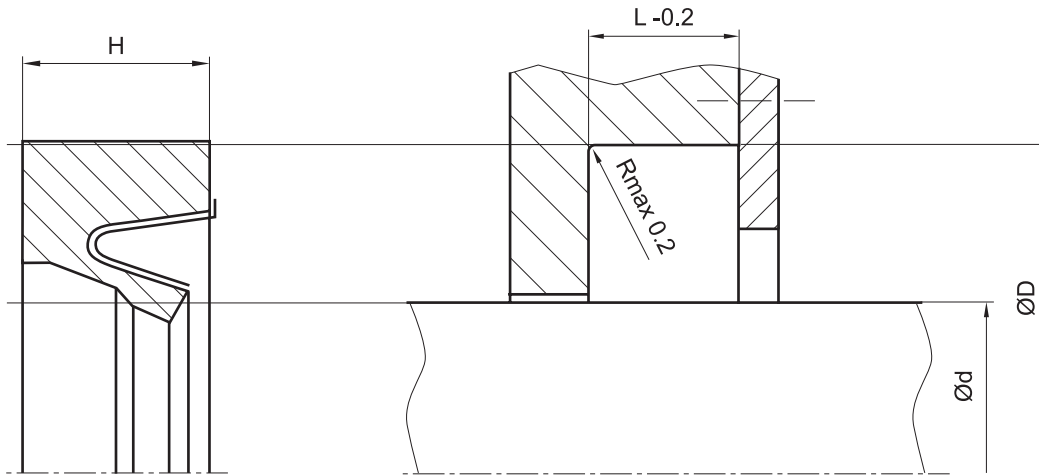
tolerance recommendation

seal housing tolerances	
Ød	f8
ØD	H8



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.