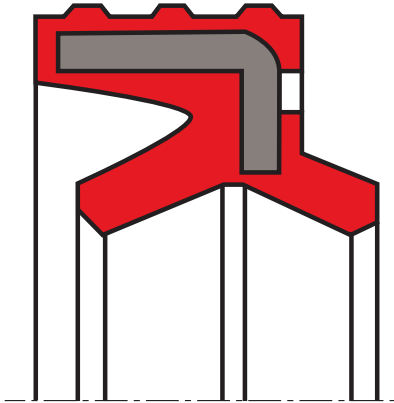


wiper A11-SG

seal spec



description
outside rubber with dust lip.

application



not bolded symbols; please consult our technical for application limitations

category of profile

molded/standard/trade product or machined with minor design change.

double acting

area of application: hydraulics & pneumatic

operating parameters & material

material		temperature	max. surface speed	max. pressure ¹
wiping part	housing			
s-mart NBR (72 Shore A)	metal (unalloyed steel DIN 1624)	-20°C ... + 100°C	≤ 1.0 m/s	1.0 MPa (10 bar)

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	≤6,3	≤1,6
groove face	≤15	≤3

tolerance recommendation

seal housing tolerances	
ØD	H8



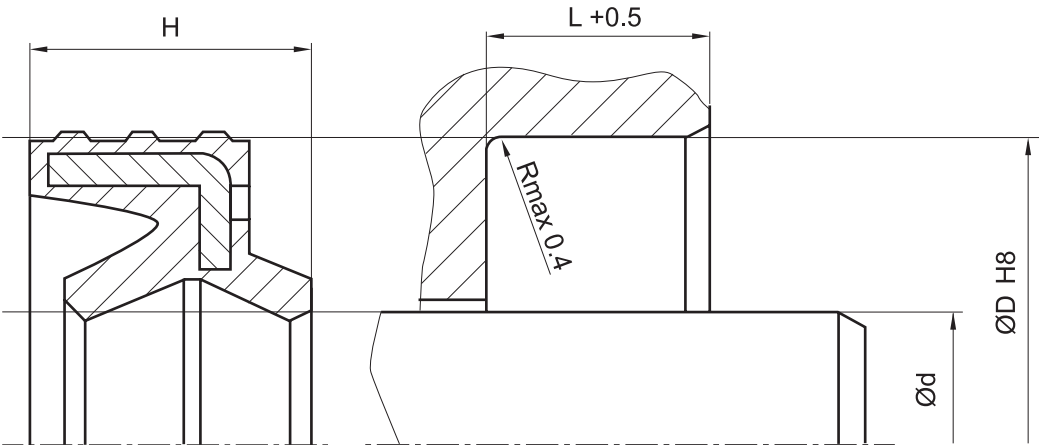
fitting & installation

the wiper is easily built in to split housing, provided the lead-in chamfer is in accordance with the table below:

H [mm]	chamfer [mm] with angle 20°
≤ 9	1
10	1,4
11	1,6
12	1,8
14	2

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.