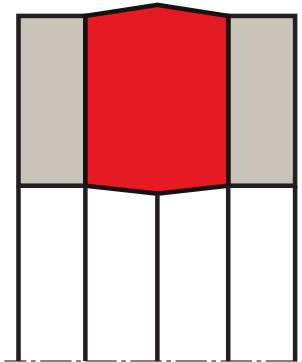


piston seal K23-SC

seal spec



description

injection moulding proses and also can be machined.

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

the K23-SC seal is designed for use as a piston seal.

area of application: hydraulics

operating parameters & material

material	temperature	max. surface speed	max. pressure ¹
NBR / NBR-impregnated fabric	-30 °C ... +100 °C	0,5 m/s	400 bar (40 MPa)

¹ pressure ratings are dependent on the size of the extrusion gap.

surface quality

surface Roughness	Rtmax [µm]	Ra [µm]
running surface	≤ 2.5	0.05-0.30
bottom of groove	≤ 6.3	≤ 1.6
side of groove	≤ 15	≤ 3.0

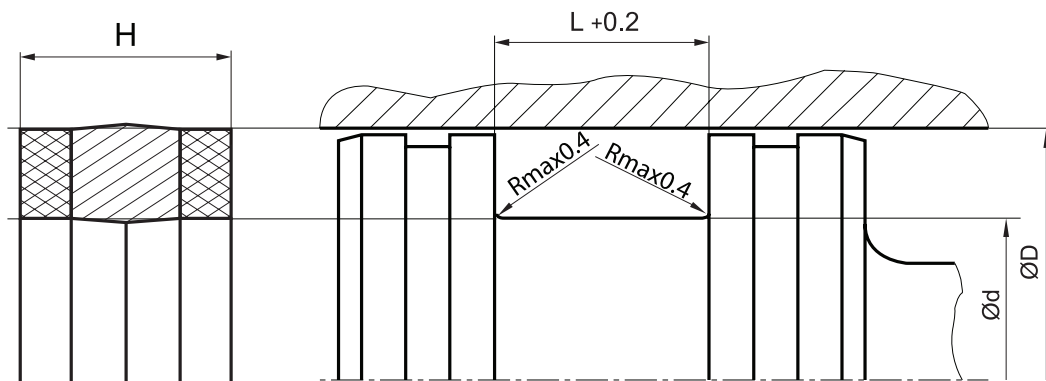
tolerance recommendation

seal housing tolerances	
Ød	h11
ØD	H11



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.