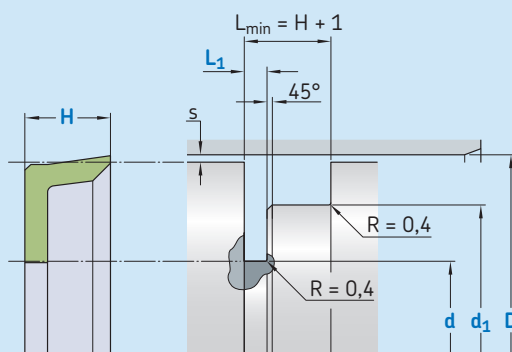


K16-A



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu m$	$0,1-0,5 \mu m$
Bottom of groove	$\leq 6,3 \mu m$	$\leq 1,6 \mu m$
Groove face	$\leq 15 \mu m$	$\leq 3 \mu m$

Bearing area: 50–95% and a cutting depth of $0,5 R_z$ based on $C_{ref} = 0\%$

Standard dimensions

This is not a standard profile and serves as a replacement for an existing housing. New constructions should use standard profiles.

Ordering example

Profile
D x d/d₁ x L₁/H [mm]
Sealing material

Piston seal K16-A
58 x 50/53 x 3/12
ECOPUR

Operating parameters

Material Seal	Temperature		Speed ¹⁾		Pressure	
	from	to	linear max	rotary max	linear ²⁾ max	rotary max
–	°C		m/s		bar (MPa)	
■ ECOPUR	–30		0,5			
■ H-ECOPUR	–20	+110	0,7	2	7 (0,7)	
■ S-ECOPUR	–50				160 (16)	
■ T-ECOPUR	–30					
■ G-ECOPUR	–30	+100				
■ SKF Ecorubber-1	–20	+200	0,5			
■ SKF Ecorubber-2	–50	+150	5		5 (0,5)	
■ SKF Ecorubber-3	–25	+150				
■ SKF Ecorubber-H	–10	+200				
■ SKF Ecoflas						

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film.

²⁾ Pressure ratings depend on the size of the extrusion gap.

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