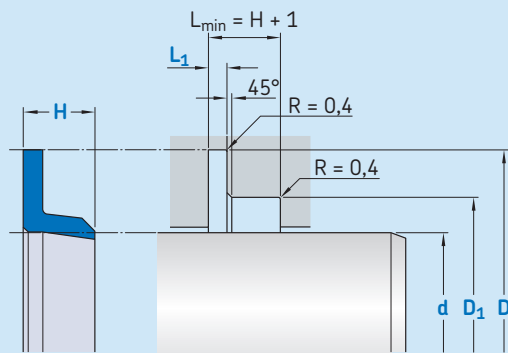


DS16-A



Ordering dimensions in **blue**

Surface roughness R_{tmax} R_a

Sliding surface $\leq 2,5 \mu m$ $0,05-0,3 \mu m$

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

Minimum nominal inside diameter
 $d \geq 6 \text{ mm}$.

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

Ordering example

Profile
 $d \times D/D_1 \times L_1/H$ [mm]
Sealing material

Rod Seal DS16-A
100 x 150/120 x 5/25
ECOPUR DD

Operating parameters

Material Seal	Temperature		Speed ¹⁾ linear max	Pressure linear ²⁾ max
	from	to		
–	°C		m/s	bar (MPa)
■ ECOPUR DD	–30	+100	0,5	160 (16)
■ SKF Econbr	–30	+100	0,5	160 (16)
■ SKF Ecofkm	–20	+200	0,5	160 (16)

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.