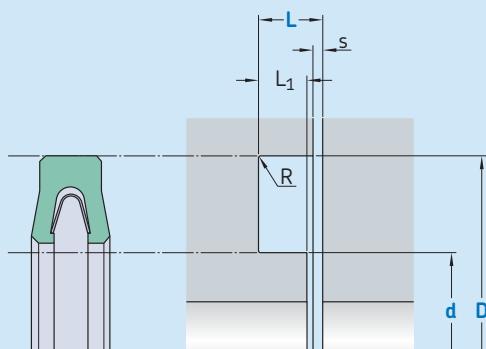


R12-F



Ordering dimensions in **blue**

Surface roughness $R_{t\max}$ R_a

Sliding surface $\leq 2 \mu\text{m}$ $0,05\text{--}0,3 \mu\text{m}$

Bottom of groove $\leq 6,3 \mu\text{m}$ $\leq 1,6 \mu\text{m}$

Groove face $\leq 15 \mu\text{m}$ $\leq 3 \mu\text{m}$

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

Standard dimensions

D	d	L	L_1 min	R	$s_{\max}^{1)}$	
H8 over	incl.					
mm						
39,6 46 125	46 125 600	D - 9,6 D - 14,2 D - 19	3,1 $+0,08$ 4,7 $+0,10$ 6,1 $+0,15$	1,5 2,4 3,1	0,4 0,4 0,4	0,15 0,2 0,25

¹⁾ The extrusion gap is valid for the side opposite to the pressure side.

Ordering example

Profile

D x d x L [mm]

Sealing material / Spring

Rotary seal R12-F

100 x 85,8 x 1,4

SKF Ecoflon 2 / 1.4310



Operating parameters

Material Seal	Spring	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
-		°C		m/s	bar (MPa)

■ SKF Ecoflon 1

■ SKF Ecoflon 2

■ SKF Ecoflon 3

■ SKF Ecoflon 4

1.4310 -200 +260 1 300 (30)

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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