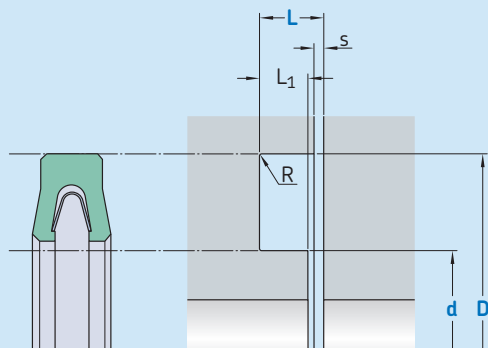


R12-F



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2 \mu m$	0,05–0,3 μm
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

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

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)
<input type="checkbox"/> SKF Ecoflon 1 <input type="checkbox"/> SKF Ecoflon 2 <input type="checkbox"/> SKF Ecoflon 3 <input type="checkbox"/> 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.

