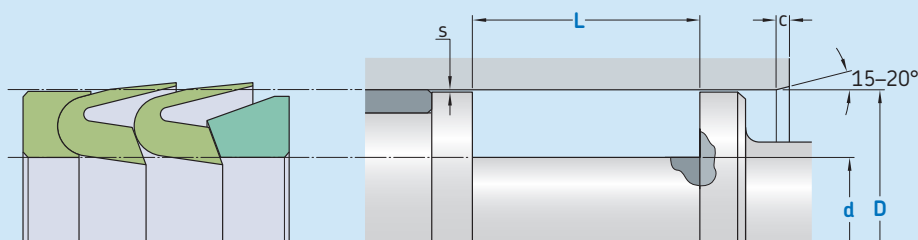


K32-P



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu\text{m}$	$0,1-0,5 \mu\text{m}$
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	H9	d	L	R_{max}	c	s^*
over	incl.	h10	+ 0,2			
mm						
25	44	D - 12	24	0,4	4,5	0,6
44	100	D - 15	29	0,4	5	0,38
		D - 20	38	0,4	6	0,50
100	150	D - 25	47,5	0,4	8,5	0,63
150	250	D - 30/35	57	0,4	10	0,75/0,88
250	500	D - 40/45	76	0,4	13	1,00/1,13
500		D - 50	95	0,4	16	1,25

* Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.

Ordering example

Profile
D x d x L [mm]
Pressure ring / Chevron / Backup ring

Piston seal K32-P
100 x 75 x 47,5
SKF Ecotal / ECOPUR / X-ECOPUR



Operating parameters

Material	Chevron	Backup ring	Temperature		Speed ¹⁾	Pressure ²⁾
			from	to	max	max
-			°C		m/s	bar (MPa)
■ SKF Ecotal ■ SKF Ecomid ³⁾	■ ECOPUR		-30		0,5	500 (50)
	■ H-ECOPUR		-20		0,7	
	■ S-ECOPUR	■ SKF Ecotal				
	■ T-ECOPUR	■ SKF Ecomid ³⁾				
	■ G-ECOPUR		-30	+100	0,5	
	■ ECOPUR	■ X-ECOPUR				
	■ H-ECOPUR	■ XH-ECOPUR				
	■ S-ECOPUR	■ XS-ECOPUR			0,7	
	■ G-ECOPUR	■ G-ECOPUR 54D			0,5	

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.

³⁾ D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.

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