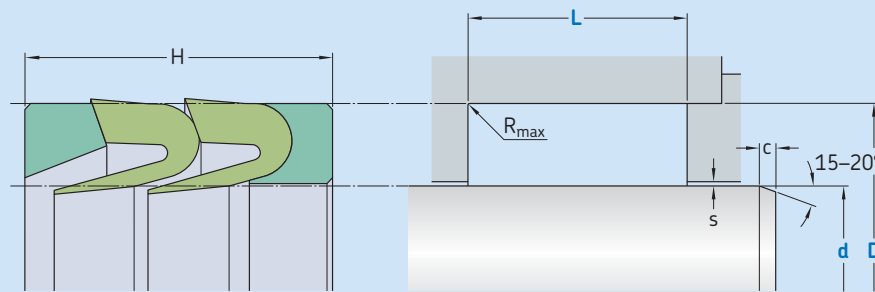


S32-P



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

d	f8	D	L	R_{max}	c	s^*
over	incl.	H10	+ 0,2			
mm						
25	25	d + 12	24	0,4	4,5	0,6
47	47	d + 15	29	0,4	5	0,38
47	100	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	1 000	d + 50	95	0,4	16	1,25
1 000	2 500	d + 60	113	0,4	19	1,50

* 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] / No. of chevrons
Pressure ring / Chevron / Support ring

Rod Seal S32-P
75 x 100 x 47,5 / 2
SKF Ecotal / ECOPUR / SKF Ecotal

Operating parameters

Material Pressure ring	Chevron	Support ring	Temperature		Speed ¹⁾ max	Pressure ²⁾ max
			from	to		
–			°C		m/s	bar (MPa)
■ SKF Ecotal ³⁾ ■ SKF Ecomid ³⁾	■ ECOPUR	■ SKF Ecotal ³⁾ ■ SKF Ecomid ³⁾	–30		0,5	500 (50)
■ SKF Ecomid	■ ECOPUR LD ■ G-ECOPUR	■ SKF Ecomid	–35 –30			
■ SKF Ecotal ³⁾ ■ SKF Ecomid ³⁾	■ H-ECOPUR ■ S-ECOPUR ■ T-ECOPUR	■ SKF Ecotal ³⁾ ■ SKF Ecomid ³⁾	–20 –40		0,7	
■ X-ECOPUR	■ ECOPUR		–30		0,5	
■ G-ECOPUR 54D	■ G-ECOPUR	■ SKF Ecomid	–30		0,5	
■ X-ECOPUR H	■ H-ECOPUR	■ SKF Ecotal ³⁾ ■ SKF Ecomid ³⁾	–20		0,7	
■ X-ECOPUR S	■ S-ECOPUR					

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.