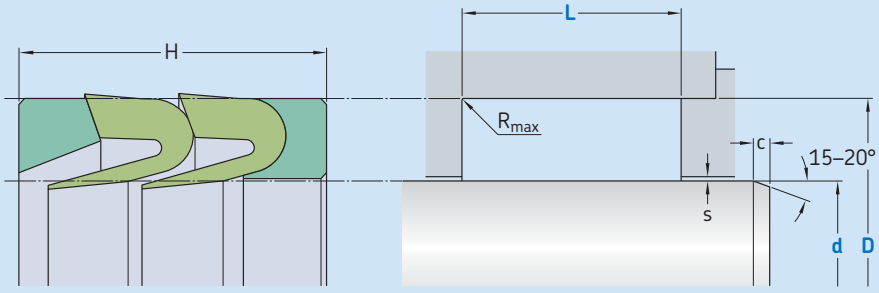
S32-P



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
Sliding surface	≤ 2,5 µm	0,05–0,3 µm
Bottom of groove	≤ 6,3 µm	≤ 1,6 µm
Groove face	≤ 15 µm	≤ 3 µm

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

Standard dimensions

d f8 over	incl.	D H10	L + 0,2	R_{max}	c	s*
mm						
	25	d + 12	24	0,4	4,5	0,6
25	**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	**Rod Seal S32-P**
d x D x L [mm] / No. of chevrons	**75 x 100 x 47,5 / 2**
Pressure ring / Chevron / Support ring	**SKF Ecotal / ECOPUR / SKF Ecotal**

Operating parameters

Material			Temperature		Speed[1]	Pressure[2]
Pressure ring	Chevron	Support ring	from	to	max	max
–			°C		m/s	bar (*MPa*)
■ SKF Ecotal[3] ■ SKF Ecomid[3]	■ ECOPUR	■ SKF Ecotal[3] ■ SKF Ecomid[3]	–30	+100	0,5	500 (*50*)
■ SKF Ecomid	■ ECOPUR LD	■ SKF Ecomid	–35			
	■ G-ECOPUR		–30			
■ SKF Ecotal[3] ■ SKF Ecomid[3]	■ H-ECOPUR	■ SKF Ecotal[3] ■ SKF Ecomid[3]	–20		0,7	
	■ S-ECOPUR					
	■ T-ECOPUR		–40			
■ X-ECOPUR	■ ECOPUR		–30		0,5	
■ G-ECOPUR 54D	■ G-ECOPUR	■ SKF Ecomid				
■ 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.

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