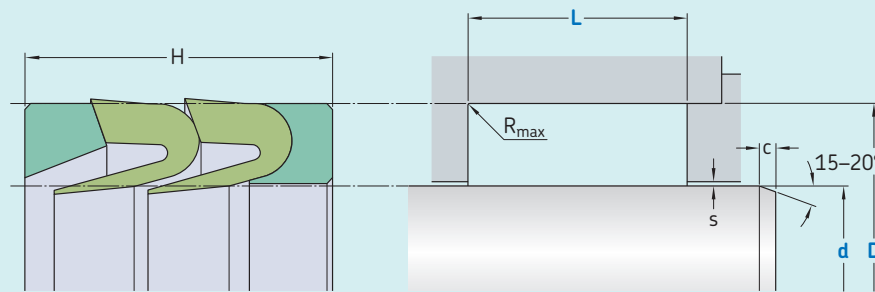


S32-P



Ordering dimensions in **blue**

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

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			500 bar
mm						
25	25	d + 12	24,0	0,4	4,5	0,60
47	47	d + 15	29,0	0,4	5,0	0,38
	100	d + 20	38,0	0,4	6,0	0,50
100	150	d + 25	47,5	0,4	8,5	0,63
150	250	d + 30 / 35	57,0	0,4	10,0	0,75 / 0,88
250	500	d + 40 / 45	76,0	0,4	13,0	1,00 / 1,13
500	1 000	d + 50	95,0	0,4	16,0	1,25
1 000	2 500	d + 60	113,0	0,4	19,0	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] / Numbers of chevrons
 Support ring / Chevron / Pressure ring

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

Operating parameters

Material Support ring ³⁾	Chevron	Pressure ring ³⁾	Temperature		Speed ¹⁾	Pressure ²⁾
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecorubber-1	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR	■ X-ECOPUR	-30	+110	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR	■ SKF Ecomid	-30	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR LD	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR LD	■ SKF Ecomid	-35	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecomid	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecomid	■ H-ECOPUR	■ X-ECOPUR H	-20	+110	0,5	500 (50)
■ SKF Ecomid	■ H-ECOPUR	■ SKF Ecomid	-20	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecomid	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecomid	■ S-ECOPUR	■ X-ECOPUR S	-20	+110	0,5	500 (50)
■ SKF Ecomid	■ S-ECOPUR	■ SKF Ecomid	-20	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ T-ECOPUR	■ SKF Ecotal	-50	+100	0,5	500 (50)
■ SKF Ecomid	■ T-ECOPUR	■ SKF Ecomid	-40	+110	0,5	500 (50)

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⁾ Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.

skf.com | skf.com/seals

© SKF, ECOPUR, G-ECOPUR, H-ECOPUR, S-ECOPUR, T-ECOPUR and X-ECOPUR are registered trademarks of the SKF Group.

© SKF Group 2019

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB SE/P8 11940/2 EN · November 2019