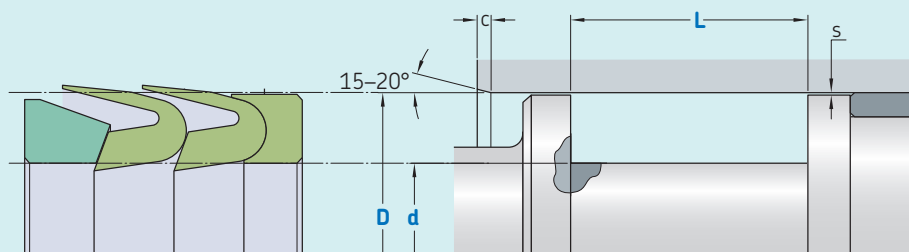


K32-P



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	
Sliding surface	$\leq 2,5$	0,05–0,2
Bottom of groove	$\leq 6,3$	$\leq 1,6$
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	d	L	R_{max}	c	s^*	
H9	h10	+0,2			500 bar	
over	incl.					
mm						
25	25	D – 12	24,0	0,4	4,5	0,60
44	44	D – 15	29,0	0,4	5,0	0,38
44	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		D – 50	95,0	0,4	16,0	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] / Numbers of chevrons

Support ring / Chevron / Pressure ring

Piston seal K32-P

100 x 75 x 47,5 / 2

SKF Ecotal / ECOPUR / SKF Ecotal

Operating parameters

Material Pressure ring ³⁾	Chevron	Support 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.

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PUB SE/P8 11861/2 EN · November 2019