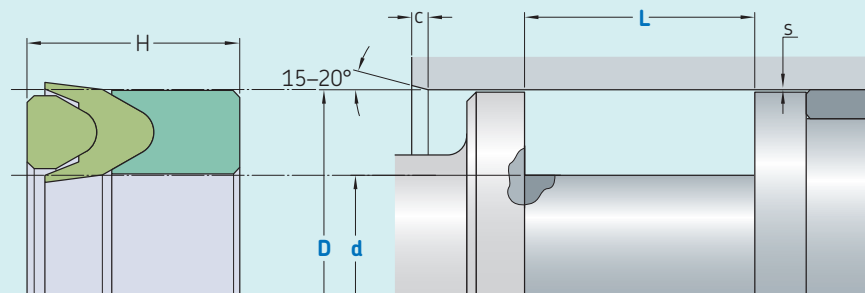


K1315-T



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 over	incl.	+ 0,2			600 bar
mm					
40	75	D – 10	12,0	0,4	0,25
75	150	D – 15	18,2	0,4	0,37
		D – 20	23,2	0,4	0,50
150	200	D – 25	28,8	0,4	0,62
200	300	D – 30	35,7	0,4	0,75
300		D – 40	43,2	0,4	1,00

* 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 / Sealing material / Pressure ring

Piston seal K1315-T

100 x 80 x 23,8 / 2

SKF Ecotal / ECOPUR / SKF Ecotal

Operating parameters

Material Support ring ³⁾ K13-T	Chevron K14-T	Pressure ring ³⁾ K15-T	Temperature		Speed ¹⁾	Pressure ²⁾
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecorubber-1	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR	■ X-ECOPUR	-30	+110	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR	■ SKF Ecomid	-30	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR LD	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR LD	■ SKF Ecomid	-35	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecomid	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecomid	■ H-ECOPUR	■ X-ECOPUR H	-20	+110	0,5	600 (60)
■ SKF Ecomid	■ H-ECOPUR	■ SKF Ecomid	-20	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecomid	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecomid	■ S-ECOPUR	■ X-ECOPUR S	-20	+110	0,5	600 (60)
■ SKF Ecomid	■ S-ECOPUR	■ SKF Ecomid	-20	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ T-ECOPUR	■ SKF Ecotal	-50	+100	0,5	600 (60)
■ SKF Ecomid	■ T-ECOPUR	■ SKF Ecomid	-40	+110	0,5	600 (60)

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.