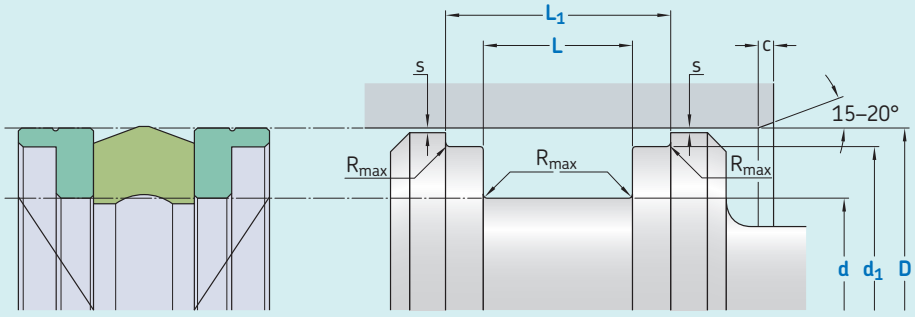
K17-P



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	µm	
Sliding surface	≤ 2,5	0,05–0,2
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 H9 over	incl.	d h9	d_1 h8	L + 0,2	L_1	R_{max}	c	s* 250 bar
mm								
13	**40**	D – 8	D – 3	10	18	0,4	4,0	0,35
40	**80**	D – 10	D – 3	10	18	0,4	4,0	0,40
80	**120**	D – 15	D – 4	15	23	0,4	5,0	0,50
120	**200**	D – 20	D – 5	20	33	0,4	6,0	0,65
200	**400**	D – 25	D – 6	25	39	0,4	8,5	0,75
400	**600**	D – 30	D – 8	30	44	0,4	10	1,00

* Extrusion gap values shown above are valid for a temperature of 70 °C, higher temperatures require lower values.

Ordering example

Profile	**Piston seal K17-P**
D x d/d_1 x L/L_1 [mm]	**100 x 85/96 x 15/23**
Sealing material / Back-up ring	**ECOPUR / SKF Ecotal**

Operating parameters

Material		Temperature		Speed[1]	Pressure[2]
Seal	Back-up ring[3]	from	to	max	max
		°C		m/s	bar *(MPa)*
ECOPUR	SKF Ecotal	–30	+100	0,5	250 *(25)*
ECOPUR	SKF Ecomid	–30	+110	0,5	250 *(25)*
H-ECOPUR	SKF Ecotal	–20	+100	0,5	250 *(25)*
H-ECOPUR	SKF Ecomid	–20	+110	0,5	250 *(25)*
S-ECOPUR	SKF Ecotal	–20	+100	0,5	250 *(25)*
S-ECOPUR	SKF Ecomid	–20	+110	0,5	250 *(25)*
T-ECOPUR	SKF Ecotal	–50	+100	0,5	250 *(25)*
T-ECOPUR	SKF Ecomid	–40	+110	0,5	250 *(25)*

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 11849/2 EN · November 2019