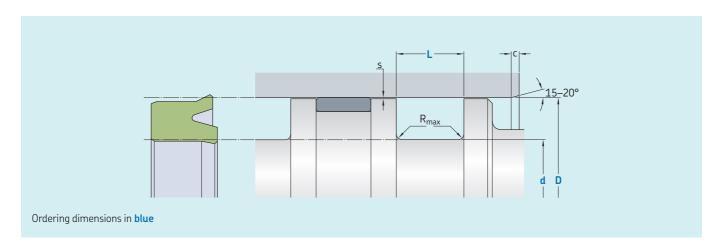


# K01-P



Surface roughness	$R_{tmax}$	$R_a$
	μm	
a	0.5	0.05.00
Sliding surface	≤ 2,5	0,05–0,2
Bottom of groove	≤ 6,3	≤ 1,6
Groove face	≤15	≤3
Bearing area: 50–95% and C <sub>ref</sub> = 0%	a cutting dept	th of 0,5 R <sub>z</sub> based on

D	rd dimens	d	L	R <sub>max</sub>	С	Maxima s*	ıl radial ex	trusion g	ар
H9 over	incl.	h10	+ 0,2			20 bar	100 bar	200 bar	400 bar
mm						mm			
13 25 50	25 50 75	D-8 D-10 D-12	6,0 7,0 8,0	0,4 0,4 0,4	3,5 4,0 4,5	0,33 0,37 0,42	0,18 0,22 0,27	0,11 0,16 0,20	0,05 0,10 0,14
75 150 300	150 300 500	D – 15 D – 20 D – 25	10,0 12,0 18,0	0,4 0,4 0,4	5,0 6,0 8,5	0,46 0,54 0,61	0,31 0,39 0,46	0,25 0,32 0,39	0,19 0,26 0,33
500 750	750	D – 30 D – 40	20,0 26,0	0,4 0,4	10,0 13,0	0,67 0,67	0,52 0,52	0,45 0,45	0,39 0,39
* Extrusion	on gap values s	shown above are	e valid for a te	emperature (	of 70 °C, hig	her temperatu	ıres require lo	wer values.	

## Ordering example

Profile
D x d x L [mm]
Sealing material

#### K01-P

Operating parameter	s			
<b>Material</b> Seal	Tempe	erature	Speed <sup>1)</sup>	Pressure <sup>2)</sup>
Seal	from	to	max	max
	°C		m/s	bar (MPa)
■ ECOPUR	-30	+110	0,5	400 (40)
■ ECOPUR LD	-35	+110	0,5	400 (40)
■ G-ECOPUR	-30	+110	0,5	400 (40)
■ H-ECOPUR	-20	+110	0,5	400 (40)
■ S-ECOPUR	-20	+110	0,5	400 (40)
■ T-ECOPUR	-50	+110	0,5	400 (40)

 $IMPORTANT\ NOTE: The\ stated\ operating\ conditions\ represent\ general\ indications.\ It\ is\ recommended\ not\ to\ use\ all\ maximum$ 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.

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