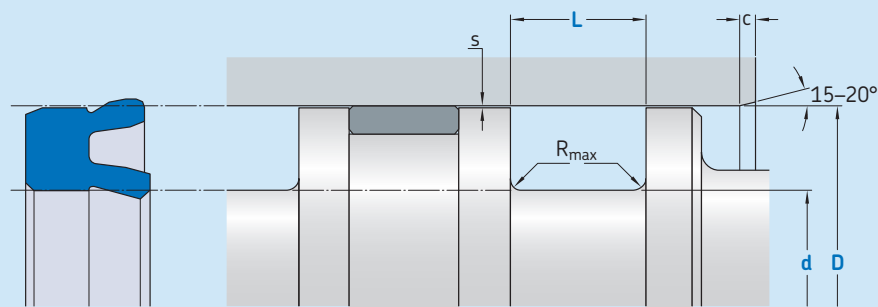


DK05-P



Ordering dimensions in **blue**

Surface roughness R_{tmax} R_a

Sliding surface $\leq 2,5 \mu m$ $0,05-0,2 \mu m$

Bottom of groove $\leq 6,3 \mu m$ $\leq 1,6 \mu m$

Groove face $\leq 15 \mu m$ $\leq 3 \mu m$

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	$s^{1)}$	
H9 over	incl. h10	+ 0,2				
mm						
13	25	D – 8	6,0	0,4	3,5	0,33
25	50	D – 10	7,0	0,4	4,0	0,37
50	75	D – 12	8,0	0,4	4,5	0,42
75	150	D – 15	10,0	0,4	5,0	0,46
150	200	D – 20	12,0	0,4	6,0	0,54

¹⁾ 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]
Sealing material

Piston seal DK05-P
100 x 85 x 10
ECOPUR DD

Operating parameters

Material Seal	Temperature		Speed ¹⁾	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR DD	–30	+100	1	25 (2,5)

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.