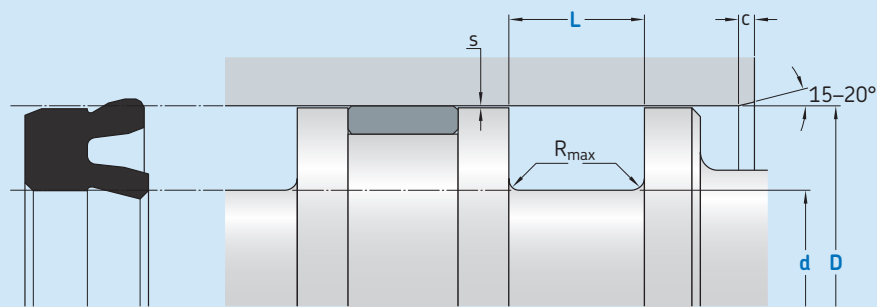


# DK05-R



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
Sliding surface	$\leq 2,5 \mu\text{m}$	$0,05\text{--}0,2 \mu\text{m}$
Bottom of groove	$\leq 6,3 \mu\text{m}$	$\leq 1,6 \mu\text{m}$
Groove face	$\leq 15 \mu\text{m}$	$\leq 3 \mu\text{m}$

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						
<b>13</b>	<b>25</b>	D – 8	6,0	0,4	3,5	0,33
<b>25</b>	<b>50</b>	D – 10	7,0	0,4	4,0	0,37
<b>50</b>	<b>75</b>	D – 12	8,0	0,4	4,5	0,42
<b>75</b>	<b>150</b>	D – 15	10,0	0,4	5,0	0,46
<b>150</b>	<b>200</b>	D – 20	12,0	0,4	6,0	0,54

<sup>1)</sup> 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-R  
100 x 85 x 10  
SKF Econbr

## Operating parameters

Material Seal	Temperature		Speed <sup>1)</sup>	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ SKF Econbr	–30	+100	1	25 (2,5)
■ SKF Ecofkm	–20	+200	1	25 (2,5)

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

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.