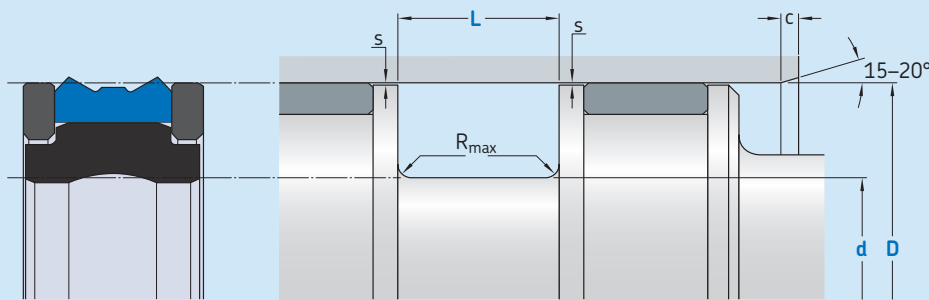


# DK23-D



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. h9	+ 0,2			
mm					
20	50	D - 10	12,5	0,4	0,4
50	80	D - 15	20	0,4	0,4
80	150	D - 20	25	0,4	0,4
150	200	D - 25	32	0,4	0,4

<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 / Energizer / Backup ring

Piston seal DK23-D  
100 x 80 x 25  
ECOPUR DD / SKF Econbr / SKF Ecotal

## Operating parameters

Material Seal	Energizer	Backup ring	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
			from	to	max	max
–			°C		m/s	bar (MPa)
■ ECOPUR DD	■ SKF Econbr	■ SKF Ecotal	–30	+100	0,5	400 (40)

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.

<sup>2)</sup> Pressure ratings depend on the size of the extrusion gap.