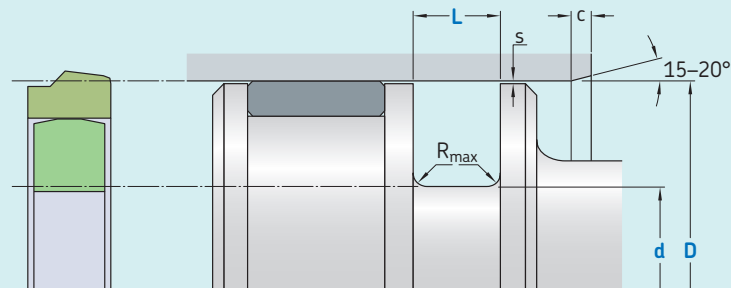


K08-ES



Ordering dimensions in **blue**

Surface roughness	TPU/ PTFE	
	R _{tmax}	R _a
	μm	

Sliding surface	≤ 2,5 / ≤ 2 *	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%

* Lower value valid for PTFE

Standard dimensions						Maximal radial extrusion gap			
D	d	L	R _{max}	c	s*	100 bar	200 bar	400 bar	600 bar
H9	d	+ 0,2							
over	h10								
incl.									
mm						mm			
TPU and SKF Ecowear 1000									
15	50	D – 10	5,0	0,3	4,0	0,5	0,40	0,30	0,20
50	60	D – 15	7,5	0,4	5,0	0,5	0,40	0,30	0,20
60	200	D – 20	10,0	0,4	6,0	0,7	0,50	0,40	0,20
200	300	D – 25	12,5	0,4	8,5	0,8	0,60	0,50	0,30
300	530	D – 30	15,0	0,8	10,0	0,9	0,70	0,60	0,30
530	680	D – 35	17,5	1,2	13,0	1,0	0,80	0,70	0,30
680	1 500	D – 40	20,0	1,2	15,0	1,1	0,90	0,80	0,40
PTFE									
15	50	D – 10	5,0	0,3	4,0	0,4	0,30	0,20	0,10
50	60	D – 15	7,5	0,4	5,0	0,5	0,30	0,20	0,10
60	200	D – 20	10,0	0,4	6,0	0,6	0,40	0,25	0,15
200	300	D – 25	12,5	0,4	8,5	0,6	0,40	0,25	0,15
300	530	D – 30	15,0	0,8	10,0	0,7	0,50	0,30	0,20
530	680	D – 35	17,5	1,2	13,0	0,8	0,60	0,50	0,20
680	1 500	D – 40	20,0	1,2	15,0	1,0	0,70	0,60	0,30

* The extrusion gap referred to is valid up to 80 °C and valid for the side opposite to the pressure side; higher temperatures require lower values.

Ordering example

Profile
D x d x L [mm]
Sealing material / Energizer

K08-ES
100 x 80 x 10
X-ECOPUR / SKF Ecorubber-1 or SKF Ecoflon 3 / SKF Ecorubber-1

Operating parameters

Material Seal	Energizer	Temperature		Speed ¹⁾	Pressure ²⁾
		from	to	max	max
		°C		m/s	bar (MPa)
■ X-ECOPUR	■ SKF Ecorubber-1	-30	+100	5	600 (60)
■ X-ECOPUR	■ SKF Ecosil	-60	+100	5	600 (60)
■ G-ECOPUR 54D	■ SKF Ecorubber-1	-30	+100	5	600 (60)
■ G-ECOPUR 54D	■ SKF Ecosil	-60	+100	5	600 (60)
■ X-ECOPUR H	■ SKF Ecorubber-1	-30	+100	5	600 (60)
■ X-ECOPUR H	■ SKF Ecosil	-60	+100	5	600 (60)
■ X-ECOPUR S	■ SKF Ecorubber-1	-30	+100	5	600 (60)
■ X-ECOPUR S	■ SKF Ecosil	-60	+100	5	600 (60)
■ SKF Ecoflon 2	■ SKF Ecorubber-1	-30	+100	10	600 (60)
■ SKF Ecoflon 2	■ SKF Ecorubber-2	-20	+200	10	600 (60)
■ SKF Ecoflon 3	■ SKF Ecorubber-1	-30	+100	10	600 (60)
■ SKF Ecoflon 3	■ SKF Ecorubber-2	-20	+200	10	600 (60)
■ SKF Ecoflon 4	■ SKF Ecorubber-1	-30	+100	10	600 (60)
■ SKF Ecoflon 4	■ SKF Ecorubber-2	-20	+200	10	600 (60)
■ SKF Ecowear 1000	■ SKF Ecorubber-1	-30	+90	5	400 (40)
■ SKF Ecowear 1000	■ SKF Ecosil	-60	+90	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.