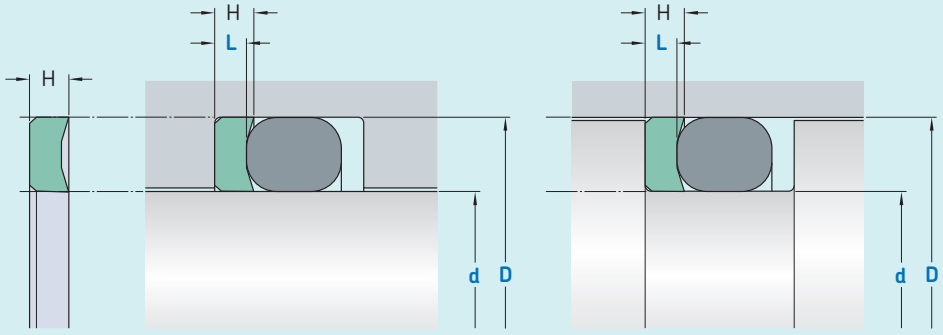
ST09



Ordering dimensions in **blue**

Pressure Surface roughness	**Constant** R_{tmax}	R_a	**Pulsating** R_{tmax}	R_a
	µm			
Sliding surface	≤ 6,3	≤ 1,6	≤ 3,2	≤ 0,8
Bottom of groove	≤ 12,5	≤ 3,2	≤ 6,3	≤ 1,6
Groove face	≤ 12,5	≤ 3,2	≤ 6,3	≤ 1,6

Bearing area: 50–95% and a cutting depth of 0,5 R_z based on C_{ref} = 0%

Standard dimensions
Minimum nominal inside diameter d ≥ 4,5 mm.

Profile size, surface data and tolerances are the result of a combination of the relevant application specific sealing material. Standard version: uncut.

Ordering example

Profile	**Back-up ring ST09**
d x D x L [mm]	**100 x 120 x 3**
Back-up ring	**X-ECOPUR**

Operating parameters

Material Back-up ring[1)]	Temperature	
	from	to
	°C	
ECOPUR	–70	+110
ECOPUR LD	–70	+110
G-ECOPUR	–70	+110
H-ECOPUR	–70	+110
S-ECOPUR	–70	+110
T-ECOPUR	–70	+110
X-ECOPUR	–70	+110
G-ECOPUR 54D	–70	+110
X-ECOPUR H	–70	+110
X-ECOPUR S	–70	+110
SKF Ecoflon 1	–200	+200
SKF Ecoflon 2	–200	+200
SKF Ecotal	–50	+100
SKF Ecomid	–40	+110
SKF Ecopaek	–100	+260

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultane.
1) Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.

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PUB SE/P8 11943/2 EN · November 2019