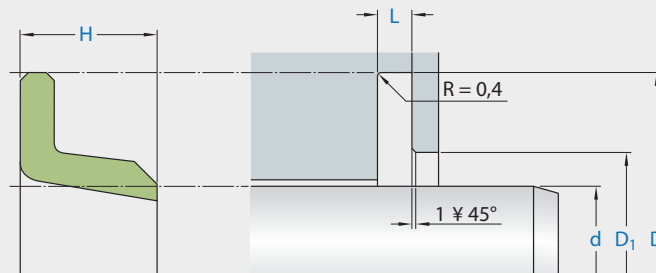


A08-A



Ordering dimensions in blue

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu m$	$0,05-0,3 \mu m$
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
 Minimum nominal inside diameter
 $d \geq 11 \text{ mm}$.

This is not a standard profile and serves as a replacement for an existing installation space. New constructions should use standard profiles.

application



not bolded symbols; please consult our technical for application limitations

operating parameters & material

diameter range: up to 600 mm

material	temperature	max. surface speed	hydrolysis	dry running	wear resistance
ECOPUR	-30 °C ... +110 °C	4 m/s	-	+	++
H-ECOPUR	-20 °C ... +110 °C	4 m/s	++	+	++
T-ECOPUR	-50 °C ... +110 °C	4 m/s	-	+	++
S-ECOPUR	-20 °C ... +110 °C	5 m/s	++	++	++
G-ECOPUR	-30 °C ... +110 °C	4 m/s	++	+	++
Ecorubber 1	-30 °C ... +100 °C	4 m/s	-	-	O
Ecorubber 2	-20 °C ... +200 °C	4 m/s	-	-	O
Ecorubber 3 ²	-50 °C ... +150 °C	4 m/s	++	-	O
Ecorubber H	-25 °C ... +150 °C	4 m/s	+	O	+
X-ECOPUR	-30 °C ... +110 °C	4 m/s			
XH-ECOPUR	-20 °C ... +110 °C	4 m/s			
XS-ECOPUR	-20 °C ... +110 °C	5 m/s			

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

² attention: not suitable for mineral oils!

++ ... particularly suitable

o ... conditional suitable

+ ... suitable

- ... not suitable

for detailed information regarding chemical resistance please refer to our "list of resistance". for increased chemical and thermal resistance rubber materials are to be preferred, polyurethan materials increase wear resistance.

surface quality

surface roughness	Rtmax (µm)	Ra (µm)
sliding surface	according to seal data	
bottom of groove	≤6,3	≤1,6
groove face	≤15	≤3

tolerance recommendation

seal housing tolerances	
d	according to seal data
D1	H11
D	H10

mode of installation

the prerequisites for perfect functioning are careful fitting and an accurately dimensioned mounting space. the retaining collar should be pressed by approx. 1 to 2% if possible. corresponding limit stops are to be provided. profiles with smaller cross-section may also be snapped into place.