

TX contact seals

Protect your performance with new, compact and optimized seals for SNL plummer block housings

The TX contact seal design is ideal for applications where better sealing is needed than provided by a labyrinth seal and where space does not allow a taconite seal. Most suited to speeds up to 6 m/s, these seals can also be used with the sealed SKF Cooper split spherical roller bearing. TX seals are available in a range of different materials and with a split that makes replacement quick and easy.



THE
BEST COMPACT
PROTECTION

- Optimized protection
- Compact dimensions
- Split for easy replacement
- Standard or customized profiles
- Virtually unlimited dimensions
- Range of wear-resistant materials
- On-time availability

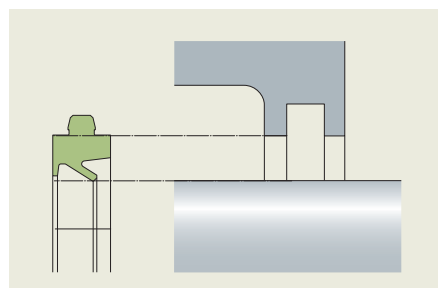
The right seal, at the right time

With revolutionary CNC machining technology, SKF can deliver TX polymer seals in almost any dimension and in the shortest timescale. SKF SEAL JET systems are installed at many SKF and SKF distributor locations to produce customized machined seals to meet your specifications.

Find out more at skf.com/TXseals

Surface roughness	R_{tmax}	R_a
	μm	μm
Sliding surface	$\leq 2,5$	$< 0,8$

Higher surface roughness values (up to max. $R_a < 3,2 \mu m$) are possible, but seal performance or lifetime can be compromised.



Operating parameters

Material Seal	Temperature		Speed ¹⁾ max	Misalignment ²⁾ max
	from	to		
–	°C		m/s	°
■ ECOPUR (standard)	–30	+110	6	0,5 – 1
■ H-ECOPUR	–20	+110	6	0,5 – 1
■ S-ECOPUR	–20	+110	6	0,5 – 1
■ SKF Ecorubber-H	–25	+150	11	0,5 – 1
■ SKF Ecorubber-1	–30	+100	11	0,5 – 1

IMPORTANT NOTE: Seal design specified for grease lubrication without pressure only. The stated operating conditions represent general indications, it is recommended not to use all maximum values simultaneously. Specified temperature range is relating to the corresponding seal material, operation in low temperature range for short terms only (e.g. cold start-up), during this time, the seal performance can be compromised.

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film. Ratings are depending also on heat removal possibilities.
²⁾ Fabrication tolerances of the diameters are to be considered.

skf.com

® SKF, COOPER, SEAL JET, ECOPUR, S-ECOPUR and H-ECOPUR are registered trademarks of the SKF Group.

© SKF Group 2019

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB 73/P8 18268 EN · January 2019