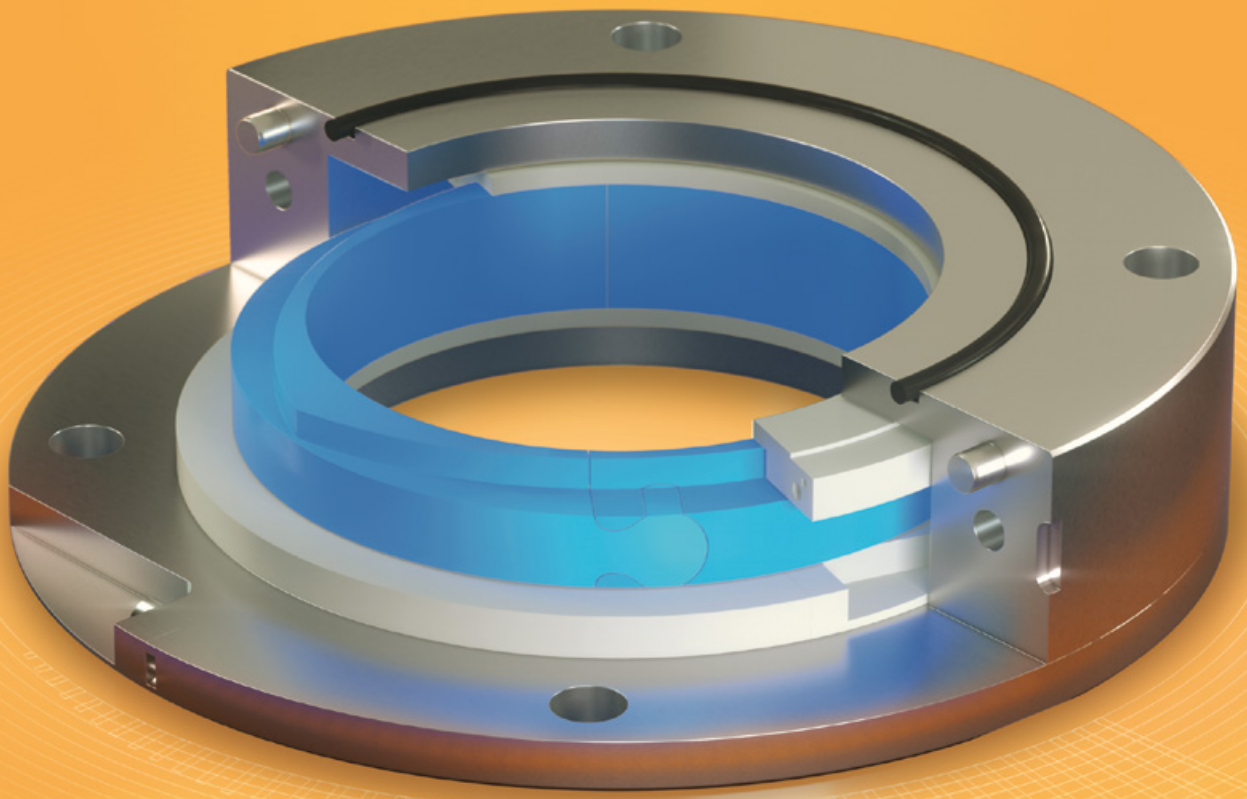
STASSKOL



DYNAMICSEAL SDF SERIES

Shaft seals

Minimizes leakage and product loss
High sealing efficiency and long service life
Easy handling and low cleaning requirements

The STASSKOL DynamicSeal SDF Series is used for sealing against suspensions, dusts, vapours and powders. The split housing design is used in a wide variety of shapes and materials. Hereby the medium is sealed reliably against atmosphere.

The structure

The SDF Series shaft seal has two rotating seal rings, which form an axial seal against the running surfaces of the housing. The sealed shaft is connected with the sliding rings by means of a clamping ring made of elastomer. The clamping ring is tensioned on the shaft. The shaft therefore has no contact with sliding parts. This reduces the shaft wear accordingly. An expensive coating or shaft sleeve is therefore not necessary. The system is available for any shaft diameter. It can be adapted flexibly to existing installation spaces.

The application

The STASSKOL SDF Series is used for sealing against suspensions, dusts, vapours and powders. The seal is characterised by significantly reduced friction compared to conventional soft packings. This results in less heat in the sealing area.

The system is suitable for the use with buffer gases. The PTFE compounds are specially tailored to the sealed media. This guarantees the long service life of the seal.

Materials

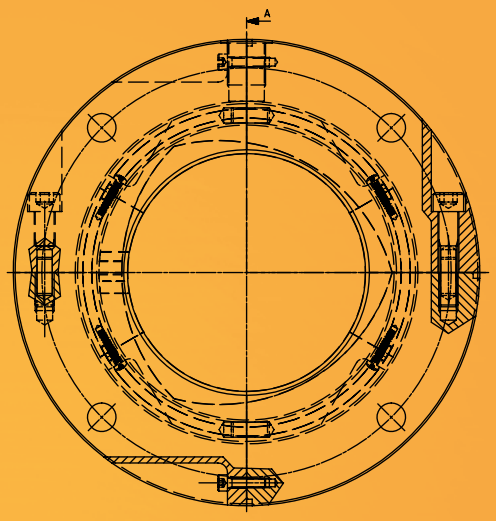
Sliding ring:	PTFE-Compounds, Application-specific
Clamping ring:	Elastomer
Housing:	1.4021, other materials possible upon request
Sliding surfaces:	1.4021, optional hardened steel

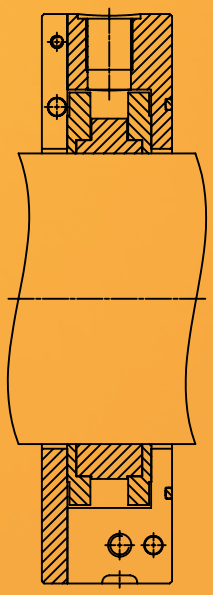
Parameters

Temperature:	-10°C to 180°C
Pressure:	Vakuum bis 2 barg
Buffer gas:	Air, nitrogen, other gases possible upon request

Assembly instructions

The system components such as the elastomeric clamping ring, the sliding rings and the housing have been developed in split design. Therefore, the assembly of the seal and replacing the internal parts without disassembly of the shaft is possible.





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