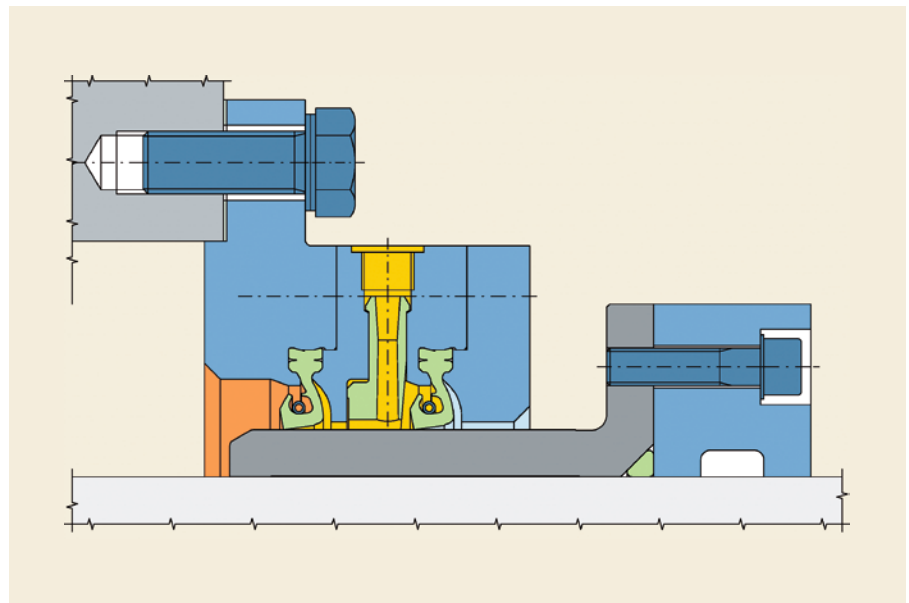


Simplex Basic – fwd seal

General description

- 2-ring fwd sterntube seal for standard applications
- Combinable with each aft seal
- Since 1992 thousandfold market approved
- Certified by all major classification societies



Advantages

Design

Market approved seals → reliable equipment covering the whole range of shaft diameters

Optimised design → no additional equipment aside from fwd oil tank

Reliable lubrication by oil circulation → increased lifetime of sealing rings and liner without external components

Customised and tailor-made → meets new building and retrofit demands

Installation

Delivered fully assembled and tested → immediate and easy installation by the shipyard

Operation

Easy handling → reduced risk of operating failure

Constant pressure setting by fwd seal tank → reliable operating system

Services

Designed for in-situ overhaul as per certified and approved Simplex repair standards

Worldwide service network and availability of spares



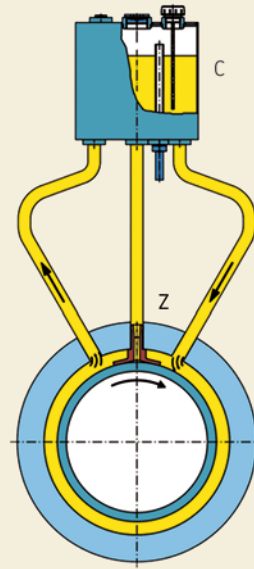
The Original

Function

- A stationary housing guides the Simplex sealing rings (2 facing sterntube oil). The rotating liner is fixed to a split clamp ring.
- Sealing rings facing sterntube oil.
- Oil chamber is filled with lube oil and pressure controlled through the respective fwd seal tank (C).
- Oil circulation in the chamber is ensured by circulator (Z) and fwd seal tank (C).

Functional principle of sterntube lubrication

C = Tank for fwd seal with level alarm
 Z = Circulation



Configuration

Split design		Material housing		Liner coating		Bio oil durable
Liner	Housing	Cast iron	Bronze	Ceramic	Tungsten carbide	e.g. for VGP 2013
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Available/required Available on request

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PUB 43/P2 14180/3 EN · April 2016

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