

Fristam FLA

The evolution of the Fristam rotary lobe pumps



Optimised operating parameters - hygienic, flexible and robust

THE HIGHLIGHTS

Differential pressure up to 15 bar

Newly designed mechanical seal:
single-acting, single-acting purged,
double-acting purged and blocked

PU lip seal

Material pairings for the mechanical
seals: SIC/SIC; SIC/carbon; tungsten
carbide/tungsten carbide

Stainless steel gearbox - easy to
change from horizontal to vertical
design

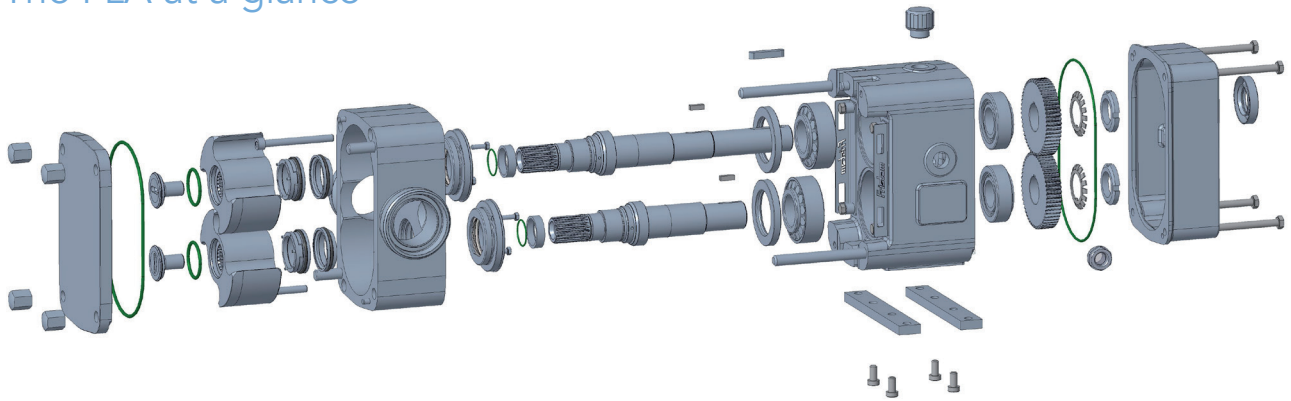
Hygienically optimised
rotor bolts

Short and strong shaft

EHEDG

Fristam
PUMPS

The FLA at a glance



SIZES

FLA 81, FLA 106, FLA 135

TYPES OF DISPLACER

1-, 2- 3-wing

DIFFERENTIAL PRESSURE

S version: max. 15 bar

L version: max. 10 bar

DESIGN OF THE MECHANICAL SEALS

Single-acting, single-acting flushed, double-acting flushed and pressurised seals are available as standard selections. Lip seals are also available on request, or if our experts feel this is necessary for optimising your process.

MATERIAL PAIRINGS

FOR THE MECHANICAL SEALS

SIC/SIC; SIC/carbon;

tungsten carbide/tungsten carbide

MATERIAL FOR

COMPONENTS IN CONTACT

$R_a < 0,8$ as standard or as per customer request

CONTACT SURFACES

1.4404 (316L) as standard, special materials according to customer requirements with the product, $\Delta Fe < 1$

GEARBOX MATERIAL

Stainless steel 1.4308

CERTIFICATION

EHEDG, FDA, CE, UKCA, ATEX

SET-UP OPTIONS

Horizontal or vertical alignment of the spigots can be selected by changing the pumps foot position. Special adaptations can be commissioned to suit more specific process requirements.

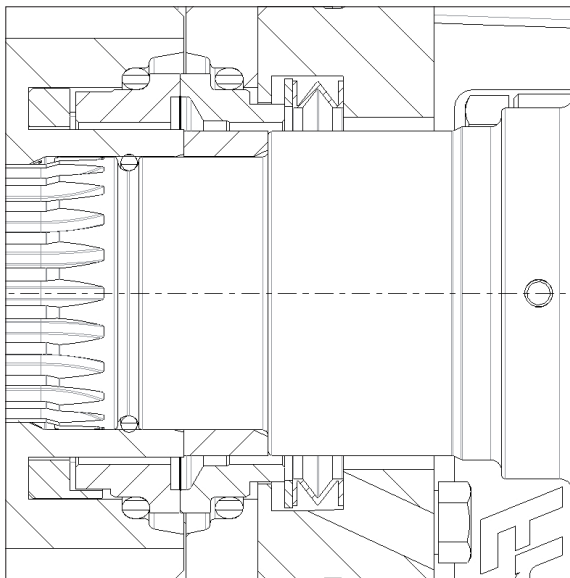
PROCESS CONNECTIONS

All common international connection types available, including rectangular and oversized. Special adaptations can be commissioned to suit more specific process requirements.

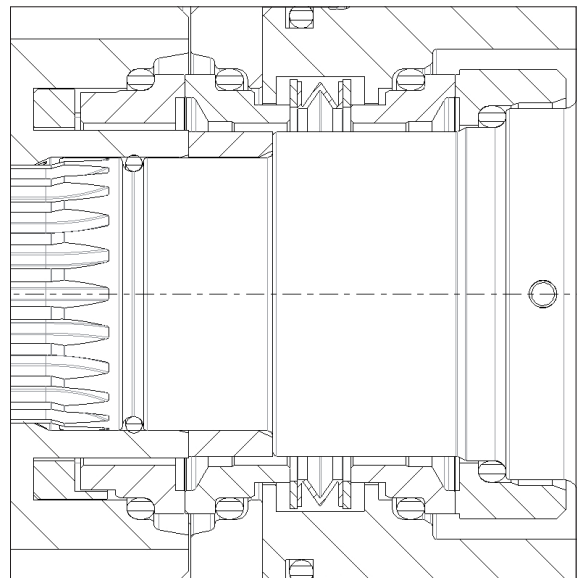
SPECIAL VARIANTS

Heated/cooled pump housing and cover, hygienic overflow valve

SINGLE-ACTING



DOUBLE-ACTING (flushed or pressurised)



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