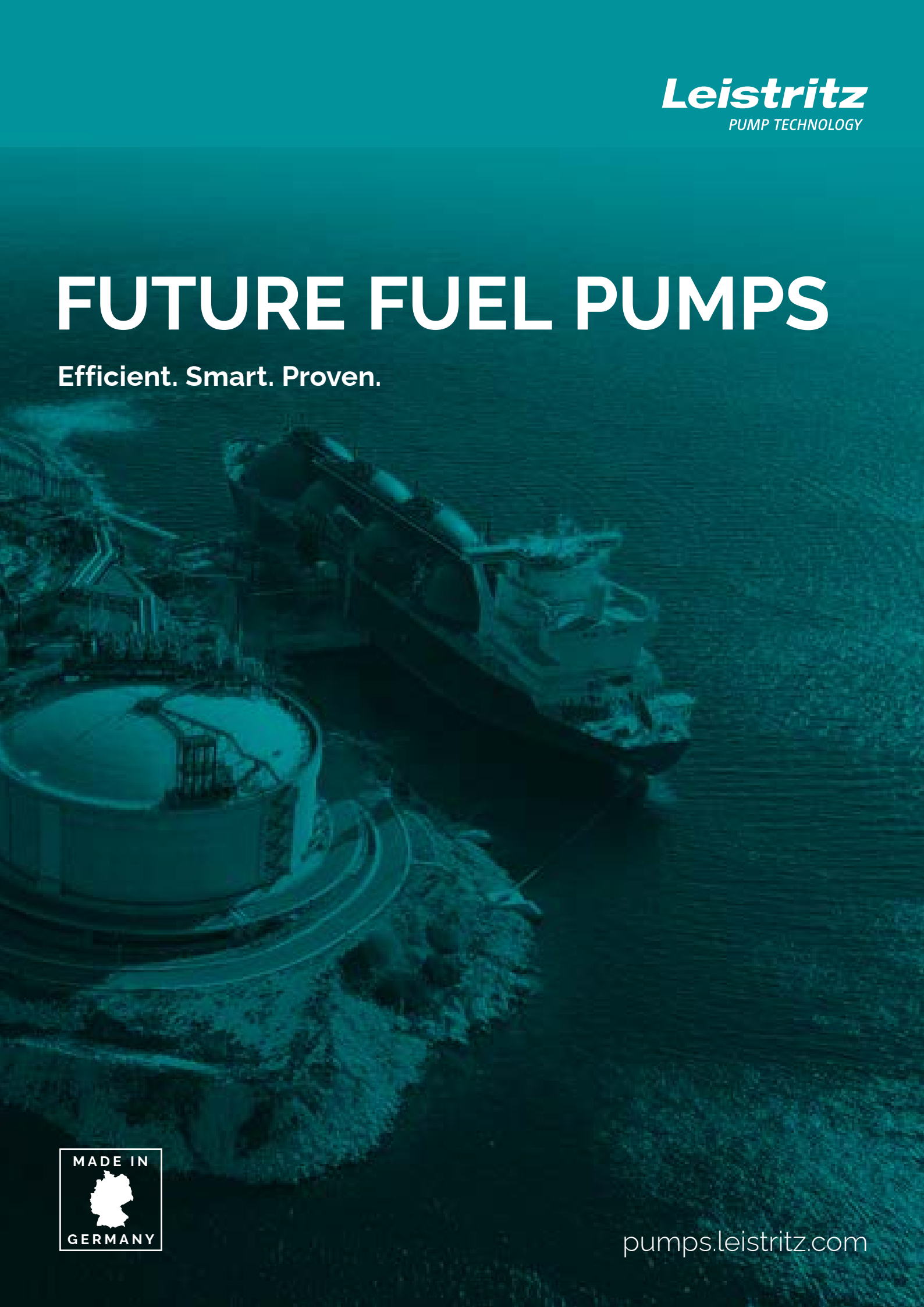
Leistritz
PUMP TECHNOLOGY

FUTURE FUEL PUMPS

Efficient. Smart. Proven.



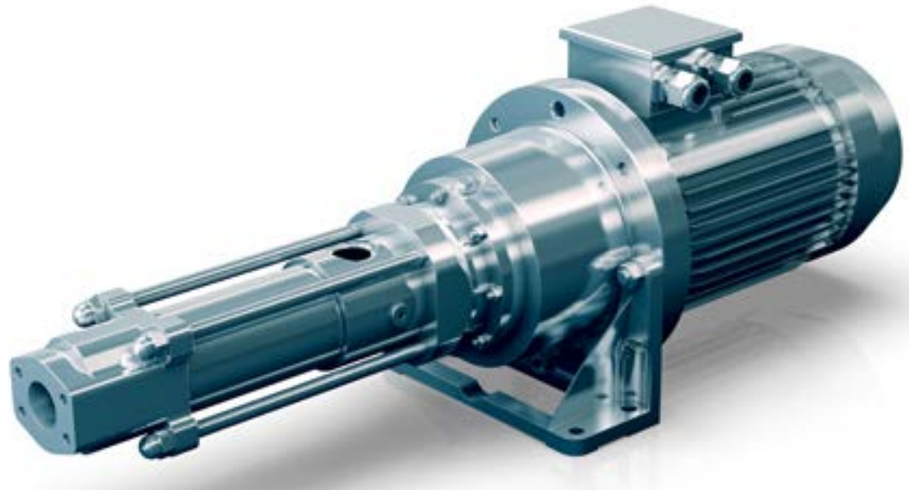
MADE IN GERMANY

pumps.leistritz.com

WE CONVEY FUTURE FUELS. SAFE. GUARANTEED.

The world's energy landscape is rapidly evolving, with future fuels like Ammonia, Methanol, LPG, and LNG taking center stage. At Leistritz, we are dedicated to pioneering advanced pump technology to meet these new challenges.

Our future fuel pumps are designed for efficiency, reliability, and sustainability, ensuring seamless operation in diverse industrial applications.



L3MW

OUR PROVEN SOLUTIONS. L3MW AND FLEXCORE.

For years, Leistritz L3MW and FLEXCORE have been the top choices for fuel handling, thanks to their combination of expert pump construction and a proven track record. Specifically developed and built for these applications, they demonstrate Leistritz's unparalleled expertise. With the broadest screw pump portfolio globally, Leistritz stands out as a leader in the industry.

Benefits for you

- Corrosion resistance
- Easy maintenance (One-for-all-technology)
- Improved temperature and pressure handling
- Up to 97% efficiency
- Self priming
- Low shear design
- Low pulsation flow
- Variable speed control



FLEXCORE

LEISTRITZ EXCELLENCE

Expertise

Benefit from our broad scope of technical expertise, understanding your production processes. Achieve your cost-efficiency and quality standards faster.

Reliability

Leistritz provides the world's most extensive portfolio of screw pumps made in Germany and supports you on your long-term demands for safety in operation.

Safety

Leistritz Multifuel pumps are designed according to the highest safety standards. This also applies to toxic substances or Ex zones.

L3MW SCREW PUMPS. THE FUTURE IS NOW.

VISCOSITY
0.2 – 1,000 cSt

FLOW RATE
10 – 700 l/min

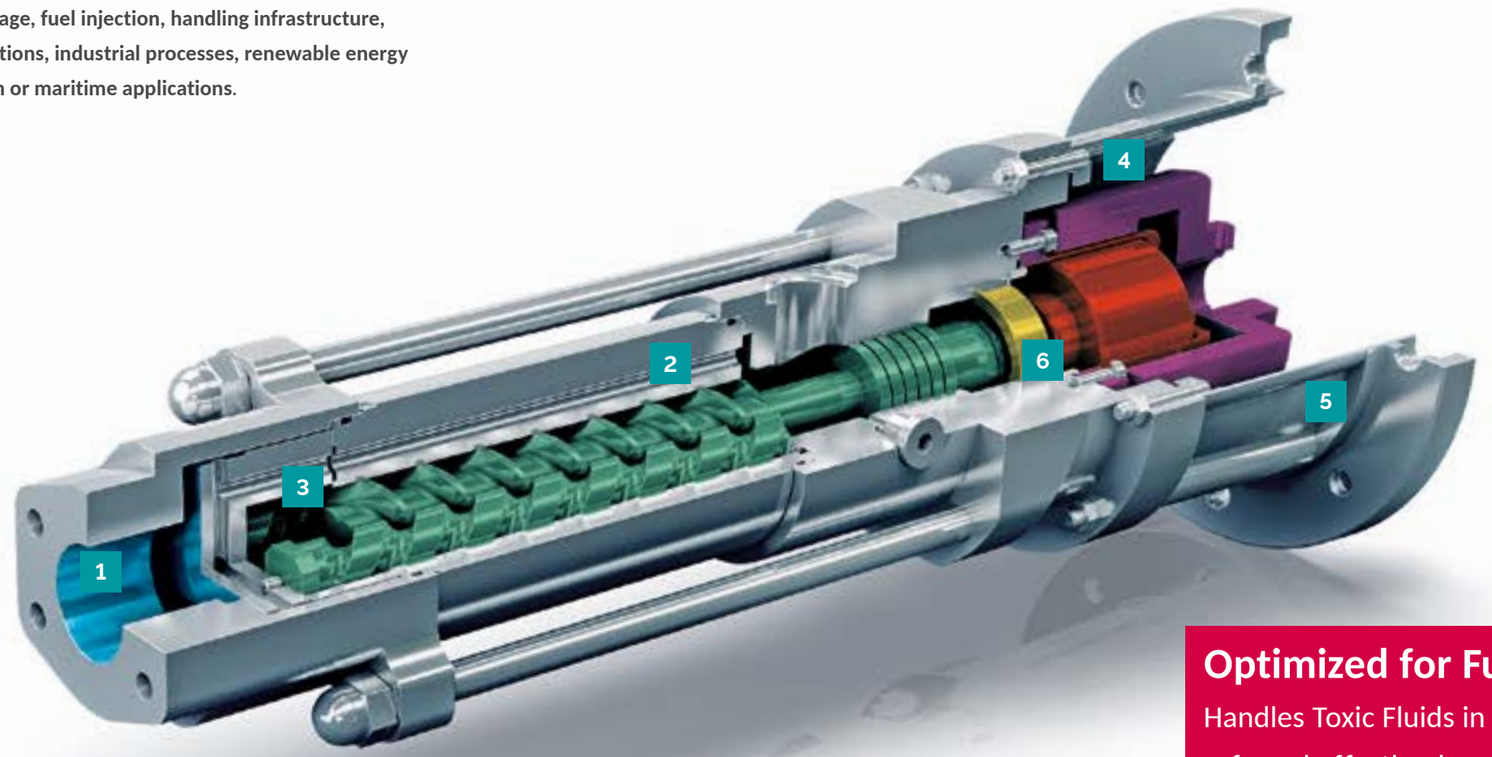
SPEED
up to 3,600 r/min

DIFFERENTIAL PRESSURE
up to 50 bar

Transferring various fuels can bear many challenges. **Leistritz has a proven track record in many applications and has conveyed LPG and other future fuels successfully for years.** Let us help you in your application, whether it is **fuel storage, fuel injection, handling infrastructure, fueling stations, industrial processes, renewable energy production or maritime applications**.

Reliable Technology

1. Suction pressure up to 8 bar
2. Optimum body material for each application
3. Up to 50 bar differential pressure
4. Hermetically sealed due to magnetic drive: Optimum solution for EX zones and toxic liquids
5. Standardized brackets for IEC and NEMA drives
6. Load free ceramic bearing due to force balancing system



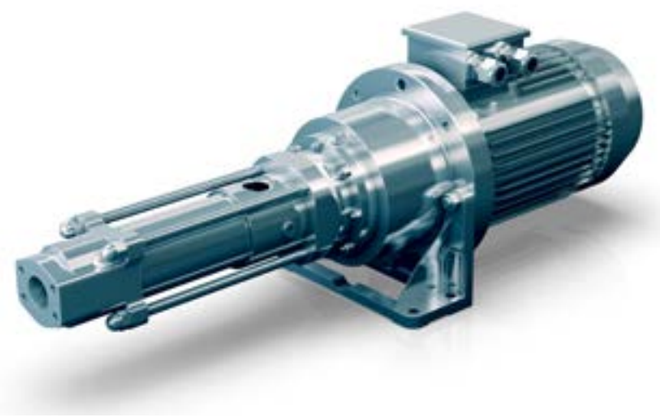
Optimized for Future Fuels
Handles Toxic Fluids in Ex Zones safe and effortlessly.

Technical Data: L3MW PUMPS

	Ammonia	Methanol	LPG
Pump body	1.4404 + surface coating	0.7040 + surface coating	0.7040 + surface coating
Screw set	1.8550 nitrided	1.8550 nitrided	1.8550 nitrided
Suction	SAE*	SAE*	SAE*
Discharge	BSP, SAE, DIN, ASME	BSP, SAE, DIN, ASME	BSP, SAE, DIN, ASME
Shaft seal	MAG or single acting mechanical seal	MAG or single acting mechanical seal	MAG or single acting mechanical seal

Why this is the optimum pump for Ammonia, Methanol and LPG

- High compatibility
- Constant flow at varying pressures
- Low shear force
- Self-priming capabilities
- Low noise and vibration



FLEXCORE SCREW PUMPS. MAXIMUM RELIABILITY.

VISCOSITY
0.2 – 1,000 cSt

FLOW RATE
10 – 560 l/min

SPEED
up to 3,600 r/min

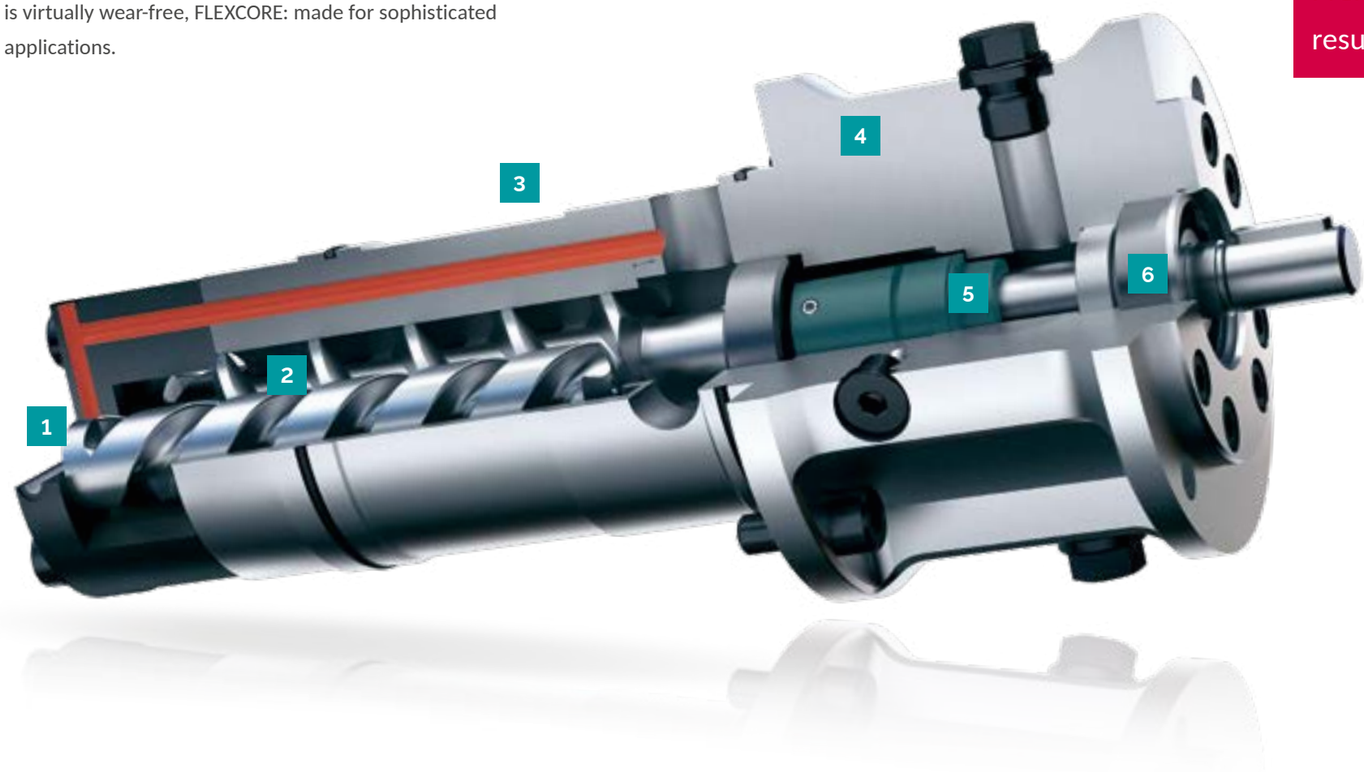
DIFFERENTIAL PRESSURE
up to 40 bar

Made for demanding applications in the **naval, energy, mechanical engineering, oil, and chemical sectors** **FLEXCORE** provides superior performance data and maximum operational reliability. Its patented* design teamed with unique functionality provides flexibility during installation you have never experienced before. The easy-to-change cartridge technology makes changing the pump insert faster and easier than ever.
In combination with the proverbial Leistritz quality, which is virtually wear-free, FLEXCORE: made for sophisticated applications.

Efficiency up to 97%
Premium performance and efficiency, results in low energy consumption.

Reliable Technology

1. Suction pressure up to 8 bar
2. Easy-to-change Leistritz cartridge technology
3. Up to 40 bar differential pressure
4. Unique patented** Leistritz balancing system
5. Standardized installation space for DIN mechanical seals for suction pressure
6. Highest operational reliability due to external bearings without harmful medium contact



Technical Data: FLEXCORE Pumps

	LPG	LFO
Pump body	0.7040 + surface coating	0.7040 + surface coating
Screw set	1.8550 nitrided	1.8550 nitrided
Suction	SAE, DIN, ASME	SAE, DIN, ASME
Discharge	BSP, SAE, DIN, ASME	BSP, SAE, DIN, ASME
Shaft seal	MAG or single acting mechanical seal	MAG or single acting mechanical seal

Why this is the optimum pump for LPG and LFO

- Highest compatibility
- Constant flow at varying pressures
- Low shear force
- Self-priming capabilities
- Low noise and vibration
- Flexible mounting



* Patent No.: DE 10 2019 128 602
**Patent No.: DE 10 2017 121 882

You Never Pump Alone.

Global Services for the Industry.

Leistritz Service is streamlined to meet the demands of your industrial production sites all over the world. We are at your side to safeguard the reliable, trouble-free operation of your production lines at all times. We have your operations in view using digital technology – supported by a global network of qualified partners close by. "You never Pump alone“ is our daily business – practised in the literal sense of the term.



Leistritz Pumpen GmbH
Markgrafenstraße 36-39
90459 Nuremberg
Germany

T +49 911 4306-96-9650
E pumps@leistritz.com

Leistritz Italia srl
Milano, Italy

Leistritz Advanced Technologies Corp.
Allendale, NJ, USA

Leistritz Machinery (Taicang) Co., Ltd.
Jiangsu & Shanghai, China

Leistritz SEA Pte. Ltd.
Singapore

Leistritz Korea Co. Ltd.
Seoul, Korea

Leistritz India Pte Ltd.
Chennai, India

Leistritz Middle East (FZE)
Sharjah, United Arab Emirates

Distributor network
for regional and local service

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