



Lube Oil Pump

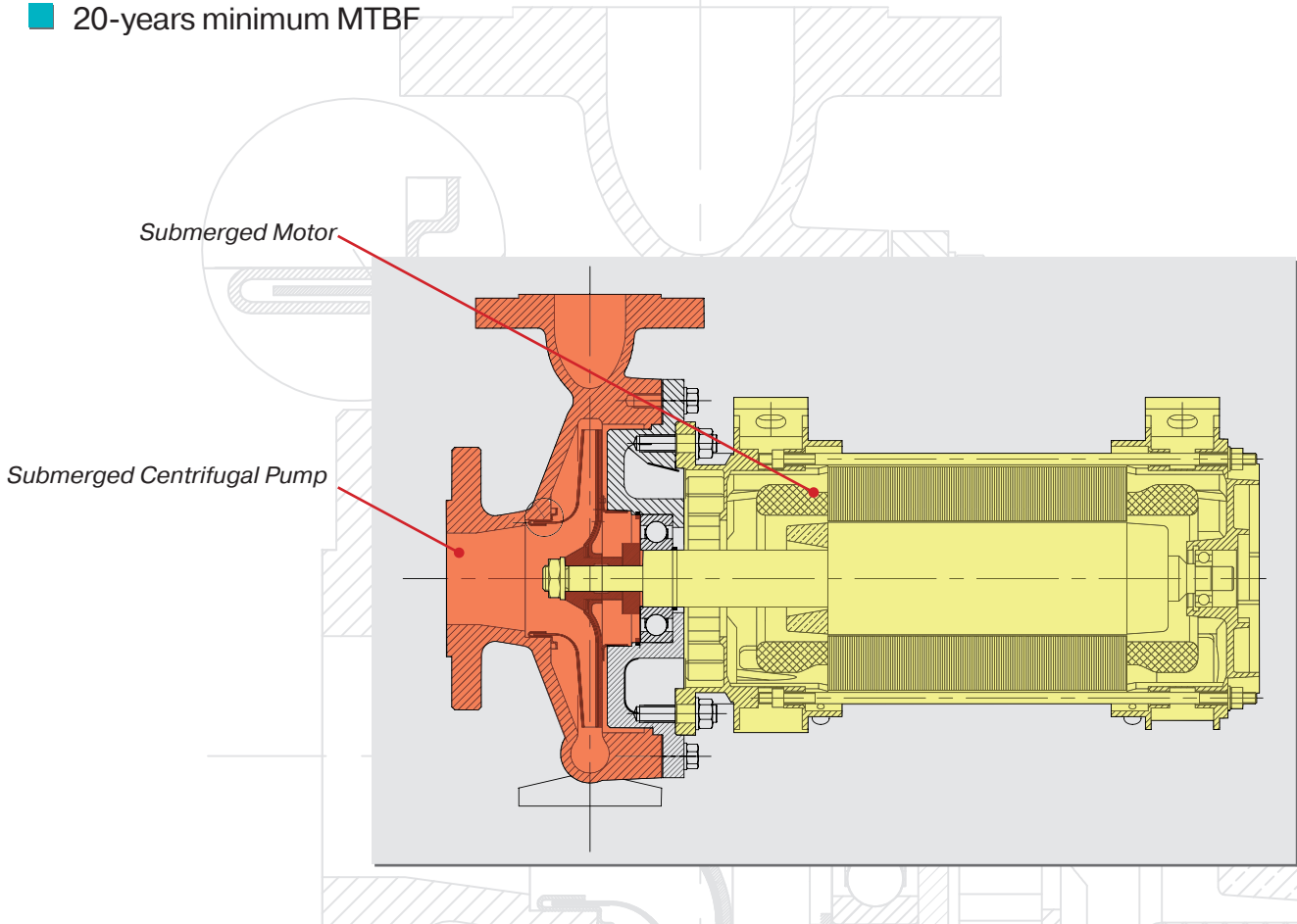
L1NT

- Seal-Less
- Submerged
- For Large Rotary and Alternating Machinery



A Reliable Pump

- 25-years proven & mass produced Volute Casing and Impeller
- 40-years Leistritz proven & mass produced “under-oil” motor
- 20-years minimum MTBF



User Advantages versus the traditional dry mounted Pump

- Intrinsically safe ATEX conform even for Zone 0
- No air-oil emulsion into the product
- No risk of oil leakage
- Clean lube oil console
- Extreme surge capability of the motor
- For the motor no routine maintenance required
- High reliability and cost-efficiency

The Performance Range:

Maximum flow (Q max):	300 m ³ /h
Maximum delivery pressure (p max):	10 bar
Maximum installed power (P max):	90 kW
Viscosity Range (V min - V max):	2-1000 mm ² /s



The Accessories:

Delivery pipe and cover plate in welded steel, optionally in Stainless Steel

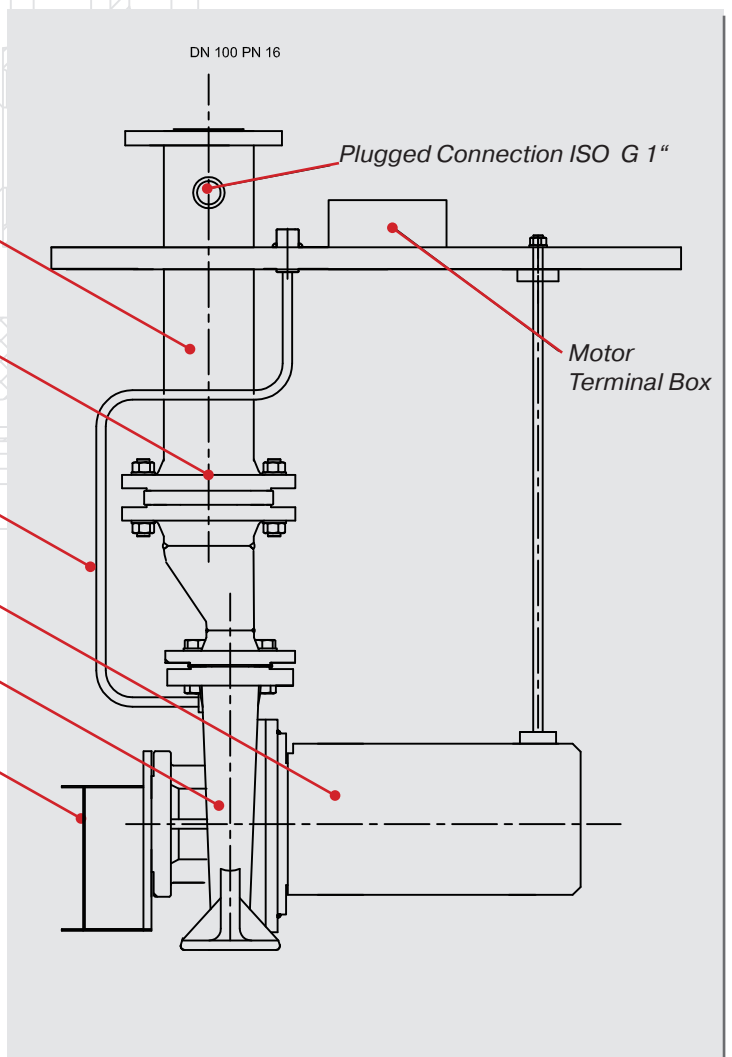
Built-in large diameter non-return valve, with venting holes

Connection to pressure switch (pump running before non-return valve)

Motor

Pump

Side & front suction strainer (no bottom, no top suction) with less than 1 m/s pass-through speed

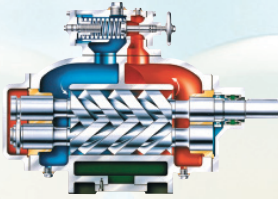




Leistritz Screw Pump Program

L2-Series:

for light corrosive and abrasive, low and high viscous fluids with poor lubricity, for low pressure ranges.

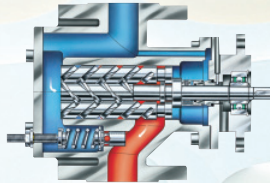


Operating Datas:

■ Flow rate	max. 6,500 l/min
■ Pressure	max. 16 bar/232 psi
■ Viscosity	max. 100,000 mm ² /s
■ Temperature	max. 280°C

L3N-Series:

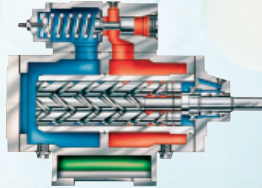
for low viscous fluids with good lubricity, for low pressure ranges.



■ Flow rate	max. 12,000 l/min
■ Pressure	max. 16 bar/232 psi
■ Viscosity	max. 15,000 mm ² /s
■ Temperature	max. 180°C

L3M/H-Series:

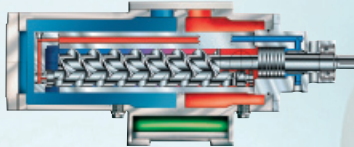
for low or high viscous fluids with good lubricity, for medium or high pressure ranges.



■ Flow rate	max. 4,000 l/min
■ Pressure	max. 160 bar/2320 psi
■ Viscosity	max. 10,000 mm ² /s
■ Temperature	max. 180°C

L3V/U-Series:

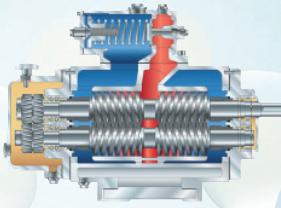
for low viscous fluids with good and poor lubricity, for very high pressure ranges.



■ Flow rate	max. 3,000 l/min
■ Pressure	max. 260 bar/3770 psi
■ Viscosity	max. 1,000 mm ² /s
■ Temperature	max. 180°C

L4-Series:

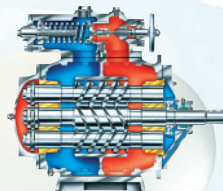
for corrosive, abrasive and low viscous fluids with poor lubricity, for high pressure ranges.



■ Flow rate	max. 3,000 m ³ /h
■ Pressure	max. 100 bar/1450 psi
■ Viscosity	max. 100,000 mm ² /s
■ Temperature	max. 300°C

L5-Series:

for non corrosive and light abrasive fluids with good lubricity, for low pressure ranges.



■ Flow rate	max. 1,200 m ³ /h
■ Pressure	max. 10 bar/145 psi
■ Viscosity	max. 10,000 mm ² /s
■ Temperature	max. 150°C

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