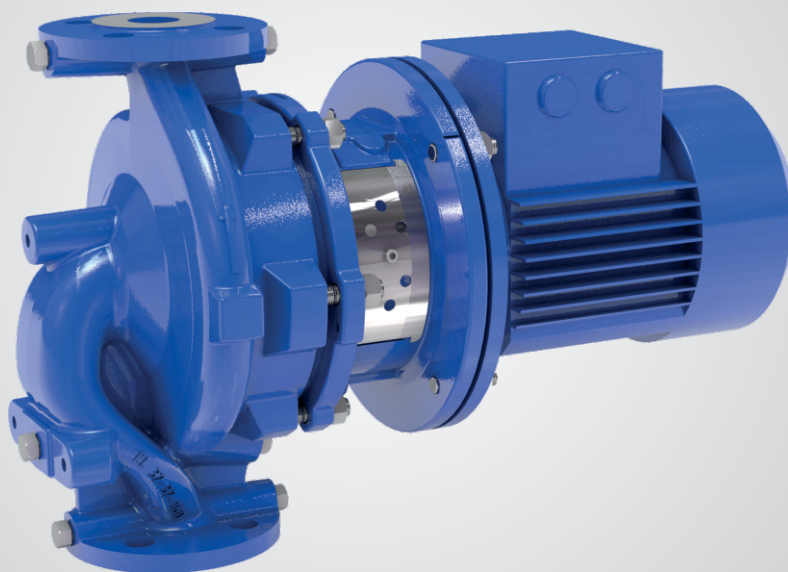


Etaline

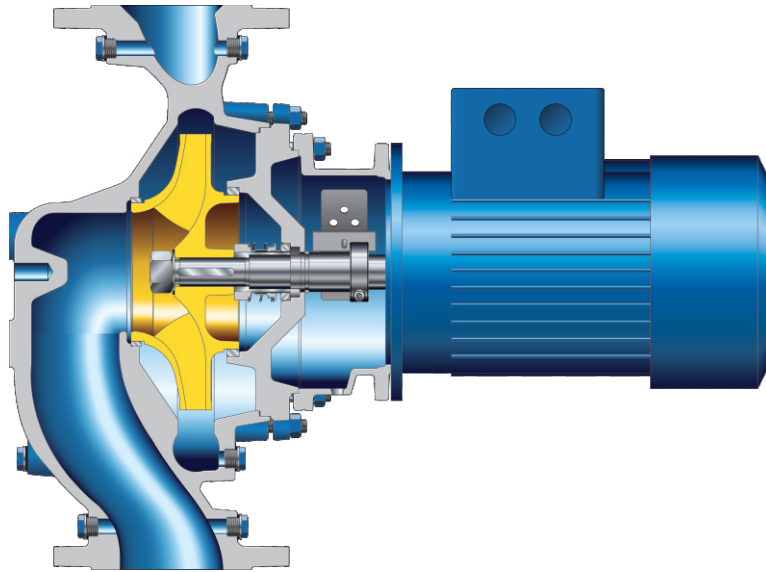
The Flexible and Reliable In-line Pump

Applications :

- Air-conditioning systems
- Cooling circuits
- Heating systems
- Water supply
- Industrial recirculation systems
- Heat recovery systems
- Service water supply systems
- Fire Fighting



Etaline – The Flexible and Reliable In-line Pump



1 Versatile

- Flexible installation thanks to in-line design.
- Vertical/Horizontal execution
- Flange connections drilled to ASME or EN accommodate for a wide application range.
- Large choice of impeller materials.
- Standardised mechanical seals from Code 6 to 11 as a standard.
- Hydraulic test run to ISO 9906 3B, 2B und 2U available.
- Wide choice of seals for demanding fluids.
- Available in a wide choice of materials for a large variety of fluids.
- Suction /delivery sizes are common - No need for expander

2 Service-friendly

- Replaceable casing wear rings.
- Service available worldwide.
- Fast availability of spare parts.

3 Reliable

- Low vibration levels and very smooth running.
- Confined casing gasket.
- Designed for up to 16 bar operating pressure.
- High reliability thanks to twin pump design.
- Wetted parts are free from primers and thus generally recognised as safe for handling drinking water.

4 Energy-efficient

- Advanced hydraulic system for high efficiency.
- The impellers are trimmed to the operating point as a standard.
- IE2 high efficiency motor as standard.

Material of Etaline

Casing	Grey cast iron EN-GJL-250 / A 48 CL 35B
Casing cover	Grey cast iron EN-GJL-250 / A 48 CL 35B
Impeller	Grey cast iron EN-GJL-250 / A 48 CL 35B, LTB2, tin bronze CC480KGS, stainless steel 1.4408
Shaft	Tempered steel 45C8, stainless steel 410
Drive lantern	Grey cast iron EN-GJL-250 / A 48 CL 35B
Flange	Drilled to ASME, EN Drilling optional

Technical data (50 Hz)

Flow rate for single-pump operation	Up to 700 m ³ /h
Head	Up to 95 m
Fluid temperature	-30 to +140 °C
Operating pressure	Up to 16 bar
Nominal diameter	32 to 200 mm



KSB Pumps Limited

Mumbai-Pune Road, Pimpri, Pune - 411 018. India.
Tel.: +91 20 2710 1000 Fax : +91 20 2742 6000 www.ksbindia.co.in