

Etaline / Etaline Z – the Flexible and Reliable In-line Pump



Etaline with KSB SuPremE® IE5 motor*, PumpMeter and PumpDrive

Applications:

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

More information:

www.ksb.com/products



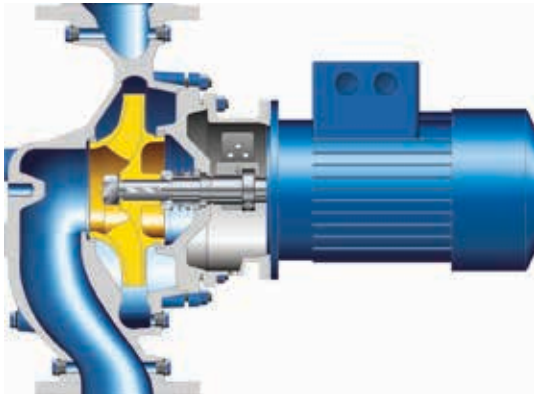
Etaline with KSB SuPremE® IE5 motor*, PumpMeter and PumpDrive Eco



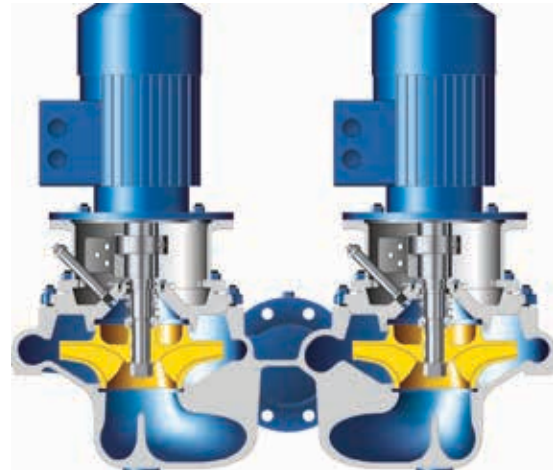
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Etaline / Etaline Z – the Flexible and Reliable

In-line Pump



Etaline



Etaline Z

Versatile

- Flexible installation thanks to in-line design.
- Flange connections drilled to EN or ASME 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.

Service-friendly

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

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.

Energy-efficient

- Advanced hydraulic system for high efficiency.
- The impellers are trimmed to the operating point as a standard.
- Ground-breaking features for saving energy. Equipped with PumpDrive for variable-speed operation. When used in combination with the KSB SuPremE® motor, the pump achieves the efficiency level IE5*.

Materials of Etaline / Etaline Z

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, tin bronze CC480KGS, stainless steel 1.4408
Shaft	Tempered steel C 45, stainless steel 1.4571
Drive lantern	Grey cast iron EN-GJL-250 / A 48 CL 35B

Technical data (50 Hz)	Etaline	Etaline Z
Flow rate for single-pump operation	Up to 700 m ³ /h	Up to 602 m ³ /h
Flow rate for parallel operation	–	Up to 1,095 m ³ /h
Head	Up to 95 m	Up to 38.5 m
Fluid temperature	-30 to +140 °C	
Operating pressure	Up to 16 bar	
Nominal diameter	32 to 200	

* IE5 in accordance with IEC/TS 60034-30-2 up to 15/18.5 kW (only for 1500 rpm types rated 0.55 kW, 0.75 kW, 2.2 kW, 3 kW, 4 kW: IE5 in preparation)



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