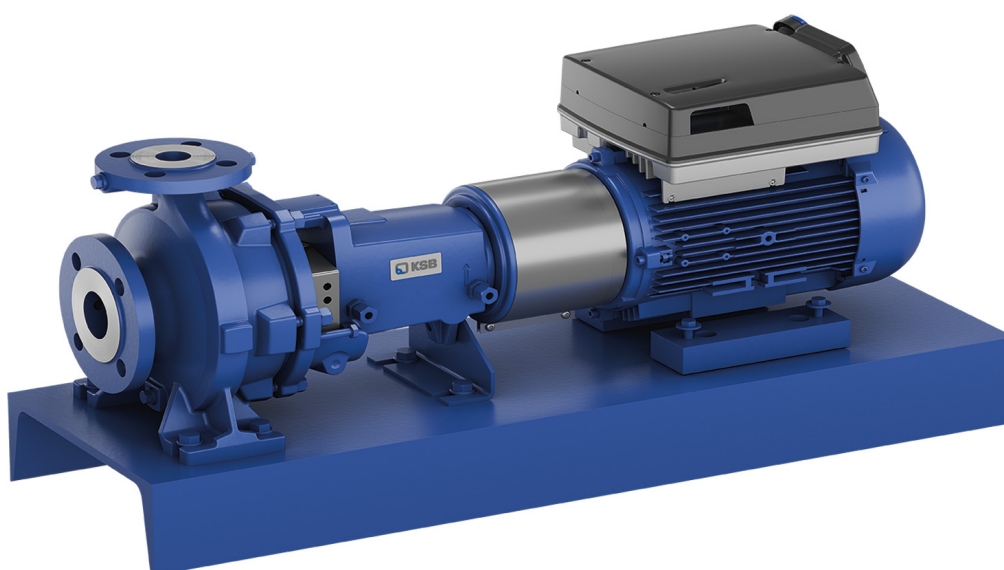


Etabloc / Etanorm

Standardised Water Pump



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- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Handling clean or aggressive fluids not chemically and mechanically aggressive to the pump materials. • Water supply systems | <ul style="list-style-type: none"> • Cooling circuits • Swimming pools • Fire-fighting systems • General irrigation systems | <ul style="list-style-type: none"> • Drainage systems • Heating systems • Air-conditioning systems • Spray irrigation systems |
|---|---|---|
-



Etabloc with KSB SuPremE® IE5 motor, PumpMeter and PumpDrive



Etanorm (from size 150-125-510)



Etabloc with MyFlowDrive and IE5 motor 2 (max. 2.2 kW)

More information
www.ksb.com/en-de



Etabloc / Etanorm – Standardised Water Pump

Benefits

■ High energy efficiency

- The pump is designed with an advanced hydraulic system offering high efficiencies. The impeller diameter is trimmed to match the duty point as standard.
- **Virtual impeller trimming** in combination with MyFlow-Drive 2 or continuously variable speed control with PumpDrive 3 enable perfect adjustment to the actual operating conditions.
- Intelligent pump monitoring with KSB's PumpMeter is optionally available.
- Intelligent variable speed control by KSB's PumpDrive and KSB SuPremE¹ motor enables energy savings of up to 60 percent.
- The requirements of the ERP Directive (MEI ≥ 0.4) are significantly exceeded.

■ Operating reliability

- The pump's hydraulic system is designed for low NPSH values and optimum suction characteristics.
- The volute casing gasket is confined to provide increased tightness.
- Large stud diameters and threads (M12/M16) ensure secure connections.
- The shaft protecting sleeve protects the pump shaft from wear.
- The conical seal chamber of the mechanical seal prevents internal circulation and improves venting and flushing.

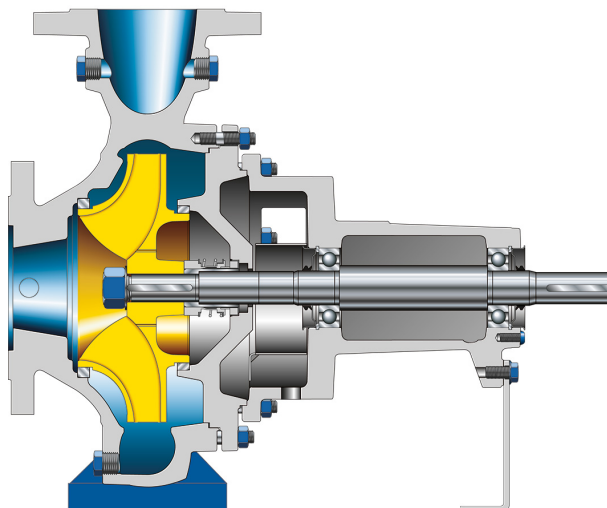
■ Wide range of variants

- Various shaft seal options such as single mechanical seals, gland packings and double mechanical seals are available as standard.
- A large variety of materials enables the pumps to handle the most diverse of fluids.
- A large number of pump sizes is available: 62 for Etanorm and 42 for Etabloc.
- Flanges are designed to EN 1092 (optionally also available with ASME bolt hole pattern).

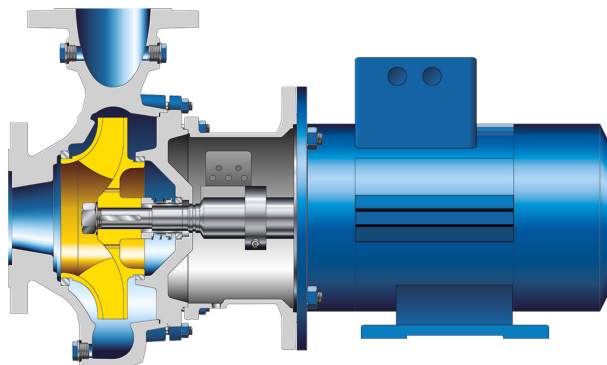
■ Ease of service

- Easily replaceable casing wear rings reduce wear at impeller and casing cover.
- Forcing screws at casing cover facilitate dismantling of the pump casing.
- The KSB Guard system for monitoring temperature and vibrations is optionally available.

Etanorm



Etabloc – without pump foot



Operating data

Characteristic		Etabloc		Etanorm	
		Value			
		50 Hz	60 Hz	50 Hz	60 Hz
Flow rate	Q [m³/h]	≤ 660	≤ 740	≤ 1930	≤ 2321
Head	H [m]	≤ 160	≤ 148	≤ 160	≤ 160
Fluid temperature	T [°C]	≥ -30	≥ -30	≥ -30	≥ -30
		≤ +140	≤ +140	≤ +140	≤ +140
Operating pressure	p [bar]	≤ 16	≤ 16	≤ 16	≤ 16

Materials

- Grey cast iron EN-GJL-250 / A48 CL 35B
- Nodular cast iron EN-GJS-400-15 / A536 Gr. 60-40-18 / JS1025
- Stainless steel 1.4408 / A743 Gr. CF8M
- Bronze CC480K-GS / B30 C90700

¹ IE5 in accordance with IEC/TS 60034-30-2 up to 15/18.5 kW. (Only for 1500 rpm types rated 1.1 kW, 1.5 kW and 5.5 kW: IE5 in preparation)