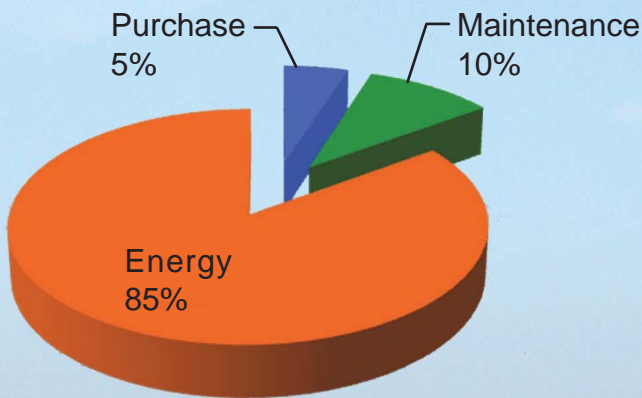


# 6" High Efficiency Systems



In consideration of environmental relief and energy saving Franklin Electric developed a 6" Submersible High Efficiency System, consisting of a variable speed drive (VFD), an output filter, a submersible synchronous motor (3000 RPM) and a submersible pump.

## LCC submersible pumps:

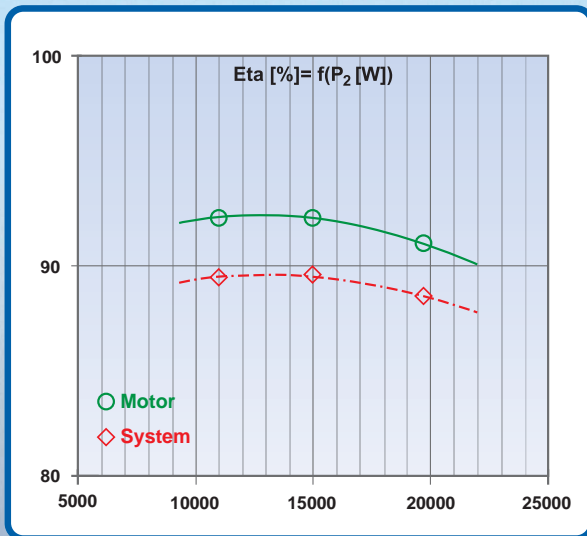


## System benefits:

**EFFICIENCY:** The motor distinguishes itself by **~10 points** improved efficiency with excellent partial load behaviour. Considering some VFD losses, the system (motor & electronics) still have **~8 points** higher efficiency than current asynchronous technology (AST).

⇒ **SKU reduction**

⇒ **Higher power density**



**HEAT RISE:** Significant lower heat rise than current AST.

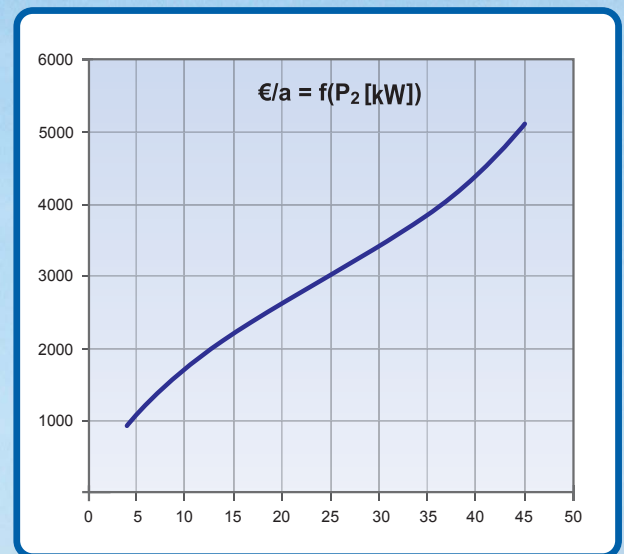
⇒ **Motor lifetime**

**SPEED CONTROL, SOFT START & PROTECTION FEATURES**

⇒ **Motor & well lifetime**

## Savings:

**ANNUAL SYSTEM SAVINGS [€]:** Referring to active power only, 24/7 operation and 0,14 €/kWh.



## Availability:

Q3 / 2013.

For further product details, please contact your Franklin Electric Area Sales Manager or Field Service Engineer.