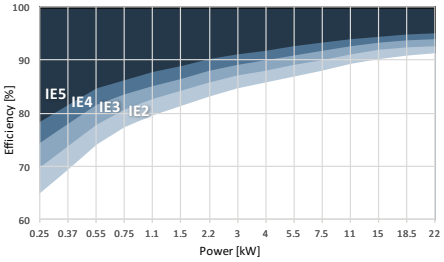
IE5 THE MOST EFFICIENT MOTOR WORLDWIDE!

Release of IE5 pumps by Grundfos - Available through Aline now

- New MGE motor up to 11kW
- IE5 highest energy efficiency
- AC motors approved
- Easily Controlled
- Simple User Interface
- Intelligence and Efficiency
- Booster Designed to Specific Customer Demand
- Permanent magnet technology achieving IE5 level
- Designed to Last
- Intelligent Cascade Control
- Easy Access to Service Parts
- Energy-Efficient
- Sturdy, Compact Units
- Reliable and Durable
- IEC 60034-30-2 Variable worldwide for electrical motors speed (only)



GRUNDFOS

Aline
Pumping with Innovation

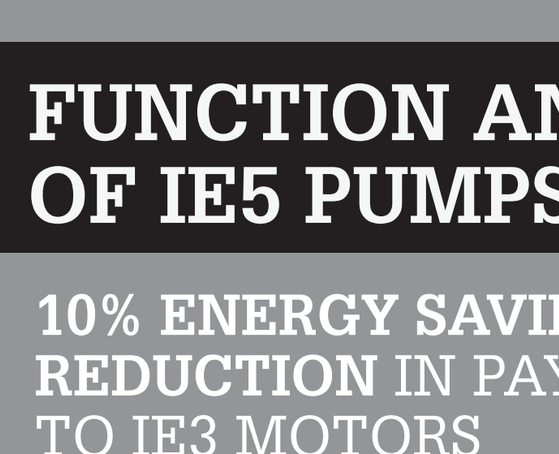
FUNCTION AND BENEFITS OF IE5 PUMPS

10% ENERGY SAVINGS AND 25% **REDUCTION** IN PAYBACK COMPARED TO IE3 MOTORS

Aline is excited to announce the introduction of the arrival of the IE5 pumps by our long time partner - Grundfos. The motors offer substantial energy savings and greatly accelerated payback timescales, compared to an IE3 solution.

Delivering an unprecedented level of performance, these ground breaking motors meet the strictest criteria of IE5 – the highest energy efficiency level for electrical motors. All Grundfos MGE motors – from 0.75 kW to 11 kW – have attained IE5 status.

The key to these MGE motors unparalleled performance lies in their state-of-the-art intelligent solutions. These will adapt to the surrounding system and, coupled with the high-efficiency IE5 motor with integrated frequency converter, drive your energy consumption down considerable.



Aline Grundfos Pressure System Today

Aline Grundfos Pressure System 1998

- CONFINED AREAS
- RELIABLE HIGHLY EFFICIENT
- HIGHLY EFFICIENT
- SERVICE-FRIENDLY
- SPACE-SAVING
- EASY TO COMMISSION
- PERFECTLY ADAPTING TO THE FLOW
- LOW-FLOW DETECTION
- APPLICATION-OPTIMISED SOFTWARE
- BUS AND ETHERNET
- COMMUNICATION OPTION
- LARGE, CLEAR DISPLAY
- MENUS IN PLAIN TEXT
- LOG FUNCTION

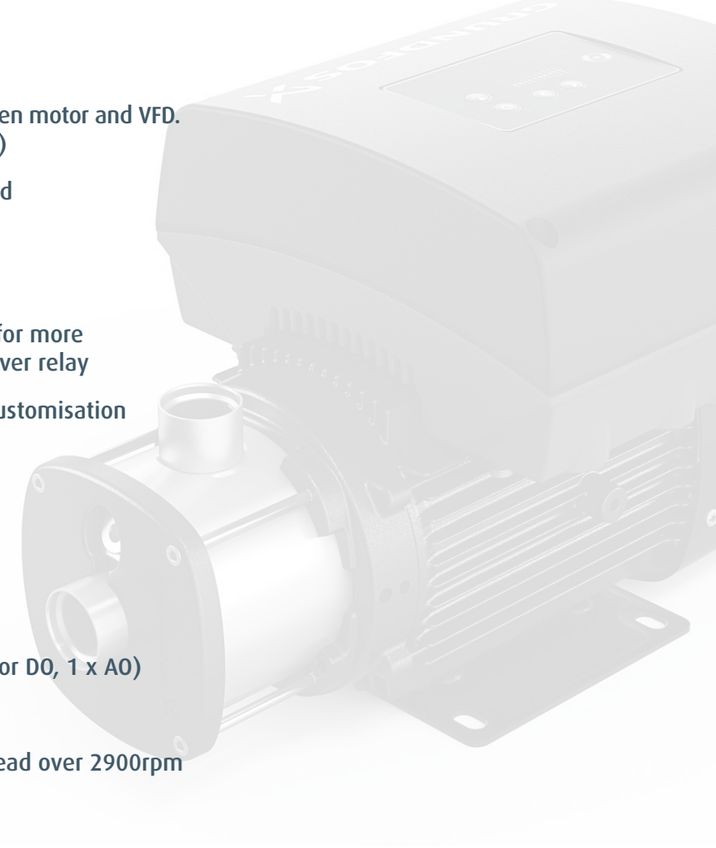
IE5 IS THE **FUTURE**, AND WE HAVE IT **NOW**

Call us to see how we can integrate the IE5 Series pumps into your next project

1800 018 999

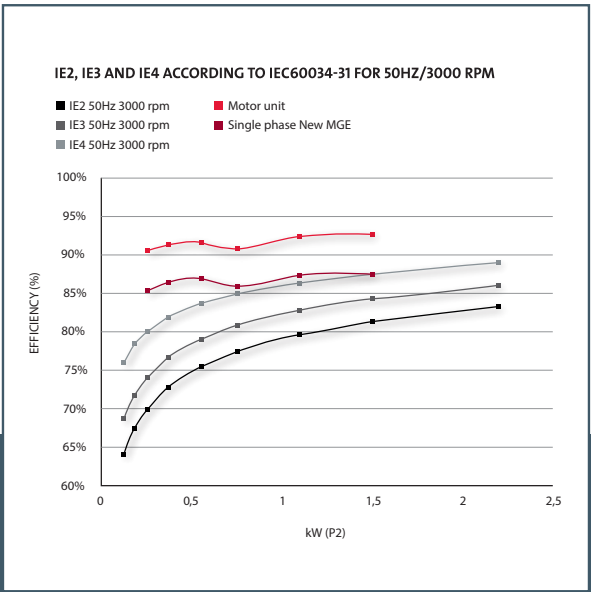
IE5 BENEFITS

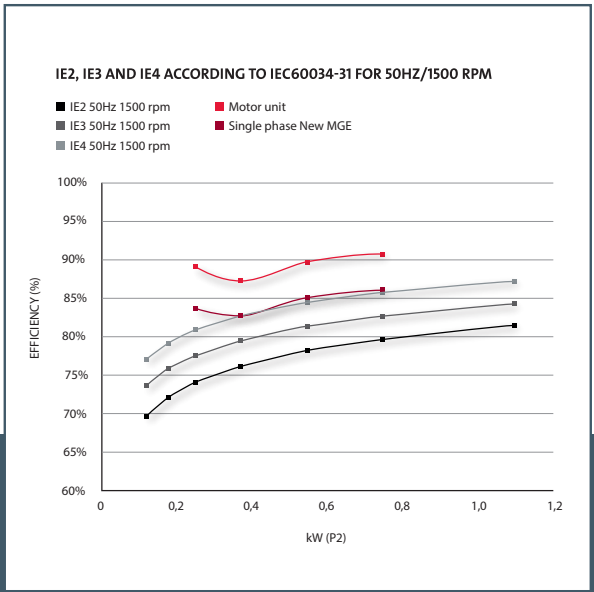
- IE5 – Market leading efficiency Best on the market today
- All Grundfos brand
- One supplier for all operating components
- Easy installation (no cable (screened) between motor and VFD. The connection is done internally in the MGE)
- dV/dt filter and Sinewave filter not required
- Easy setup of booster settings
- Built in high grade RFI filter
- PLC type built in controller/features allow for more complexed control E.g. Rain water switch over relay
- User definable “Home” screen allows for customisation to suit each application
- Wireless connection between pumps (no motor to motor wiring required)
- SCADA fieldbus communication ready (Add suitable protocol CIM card)
- BMS inputs/outputs (Per pump - 2 x DI, 2 x DO, 2 x program DI or DO, 1 x AO)
- Local stocking by Grundfos
- 3600rpm speed often gives 10% + more head over 2900rpm equivalent of the same kW size



CERTIFIED EFFICIENCY WITH INTELLIGENT CONTROL

ENERGY AND COST SAVINGS WITH OPTIMISED EFFICIENCY.





Aline and Grundfos have partnered in pressure boosting systems for over 20 years to complete some of the most iconic and complicated projects ever known in Australia.

Now after working closely to meet the varied demands of our complex market Aline and Grundfos are delighted to announce the most technological advanced system known in pumping solutions in Australian history. Using new IE5 technology the new CRE range provides features never seen before in order to provide the most power efficient pressure boosting systems. Together Aline and Grundfos have completed the most advanced pump and variable speed combination known today and into the future.

IE5 IS THE **FUTURE** AND WE HAVE IT, CALL US **TODAY!**

Aline
Pumping with Innovation

www.alinepumps.com **1800 018 999**

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