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Electric motor training—online 18th January 2024

We were excited to hold yet another training session which was 100% online based. The turnout was good and we issue many attendance certificates to successful candidates. Jerry did a great job handling the entire day's presentation alone. We do offer technical training and support for our customers which is to be held at our premises or we can visit our customers and do some networking through our 'lunch and learn' approach. We thank those who attended the course and a big thank you to Jerry for managing to stay on top of the topic all day long.

New Van Houcke logo launch in 2024

It has been some time since Van Houcke engaged in some rebranding and the Group has expanded in past few years including the launch of Van Houcke UK in 2018, strengthening our position at Van Houcke France and also branching into the Netherlands. The head office in Jabbeke, Belgium has seen some investment (please refer to the *new painting facility in Jabbeke* further in this newsletter) so this seems like the ideal time to freshen up our look! The new logo is accompanied by a new slogan **moving the future** which we feel is fitting to the core interest of our business. The Van Houcke logo will now reflect the below, please note that MEZ remains the same as this is our product line.

Keep watching out for changes on our websites too!

VAN HOUCKE 
moving the future

VAN HOUCKE 

moving
the future

Kostal Inverter Range

We are currently putting a stock profile together, which will enable us to supply Kostal inverters on the next day delivery basis. This product has been carefully designed and manufactured in Germany. It is particularly suited to pump and fan applications as well as conveyor and many more applications. There are NO plastic outer parts, the entire product casing is metal to ensure durability. The inverter range is easy to use and can be technically supported by our specialists at Van Houtte Group.



1 The INVEOR

- IP65 protection class
- Integrated soft PLC
- Pre-fitted cable glands
- Fan-free design up to 7.5 kW
- Robust and vibration-resistant housing concept
- STO functional safety **SIL3 PLd** FUNCTIONAL SAFETY
- Pump- and fan-specific functions

2 Communication

CANopen **PROFINET**

EtherCAT **PROFINET**

MODBUS RTU **SERCOS** the automation bus

3 Operation and observation

- Potentiometer
- M12 RS485 service interface
- Integrated foil keypad
- MMI handheld controller
- MMI cover option
- Touch operating terminal
- INVEOR PC software

4 Motor adaptations

- Robust and vibration-resistant adapter concept
- Motor adapter concept compatible with all commercially available motors

5 Control process

- IE1, IE2, IE3, IE4: for asynchronous motors and synchronous motors

Overview of INVEOR M sizes

C5mid and CX paint systems

Being a supplier to the marine industry, we are familiar with the toughest environmental conditions challenging the paint finish on our motors. Whilst C5M paint has sufficed for many marine applications, some of our customers wanted a higher specification of the paint finish so we are excited to be able to offer a Norsok equivalent paint system. Please visit our website for more details: https://www.mez-motors.com/downloads/S08_S09_paint_systems.pdf

| Frame Sizes 63-315 | 1 | 2 | 3 | 4 |
|--|---|---|---|---|
| | Standard Paint System "worldwide" C2 to EN12944-2 | Special Paint System "worldwide" C3 to EN12944-2 | Marine Climate Special Paint System C4 to EN12944-2 | Special Paint System for Offshore C5 to EN12944-2 |
| Priming of internal & external surfaces Type: Colour: Dry film thickness*: | | Acrylic resin Red-brown 20µm-30µm-60µm | | Zincd** Grey 20µm-30µm-60µm (inside) 40µm-50µm-60µm (outside) |
| Intermediate coat on external surfaces Type: Colour: Dry film thickness*: | n/a | n/a | 2-Component Epoxy Resin Light ivory (RAL 1015) 50µm-60µm-70µm | 2-Component Epoxy Resin Light Ivory (RAL 1015) 50µm-60µm-70µm |
| Top coat on external surfaces Type: Colour: Degree of gloss: Dry film thickness*: | 2-Component Epoxy Resin Stone Grey (RAL 7030) 60° 35-50% (DIN 67530) semi-gloss 20µm-30µm-60µm | 2-Component Epoxy Resin Stone Grey (RAL 7030) 60° 35-50% (DIN 67530) semi-gloss 50µm-60µm-90µm | 2-Component Epoxy Resin Stone Grey (RAL 7030) 60° 35-50% (DIN 67530) semi-gloss 50µm-60µm-90µm | 2-Component Epoxy Resin Stone Grey (RAL 7030) 60° 35-50% (DIN 67530) semi-gloss 50µm-60µm-70µm |
| Total film thickness* | 40µm-60µm-120µm | 70µm-90µm-150µm | 120µm-150µm-220µm | 140µm-170µm-200µm |
| Installation/Use | Indoor/Outdoor Under cover Industrial climate | Outdoor Chemical industries | Outdoor Marine environment Chemical industries | Outdoor Marine offshore environment Chemical industries |

New Painting facility in Jabbeke, Belgium

The new paint facility along with our modification facility now enables us to offer special execution motors painted to many paint specification at very short lead time. We can now make specials extra special!

