

Together
we outsmart
the ordinary

Hoyer Marine Brake Motors

Improve Operational Efficiency and Safety



HOYER



Solutions
Fit-for-purpose

**We are a global supplier
of energy-efficient electric
motors, drives, and automated
control systems.**

Our solutions ensure safe and
efficient operations, driving critical
systems that operate in demanding
marine and offshore environments.



Operational Efficiency

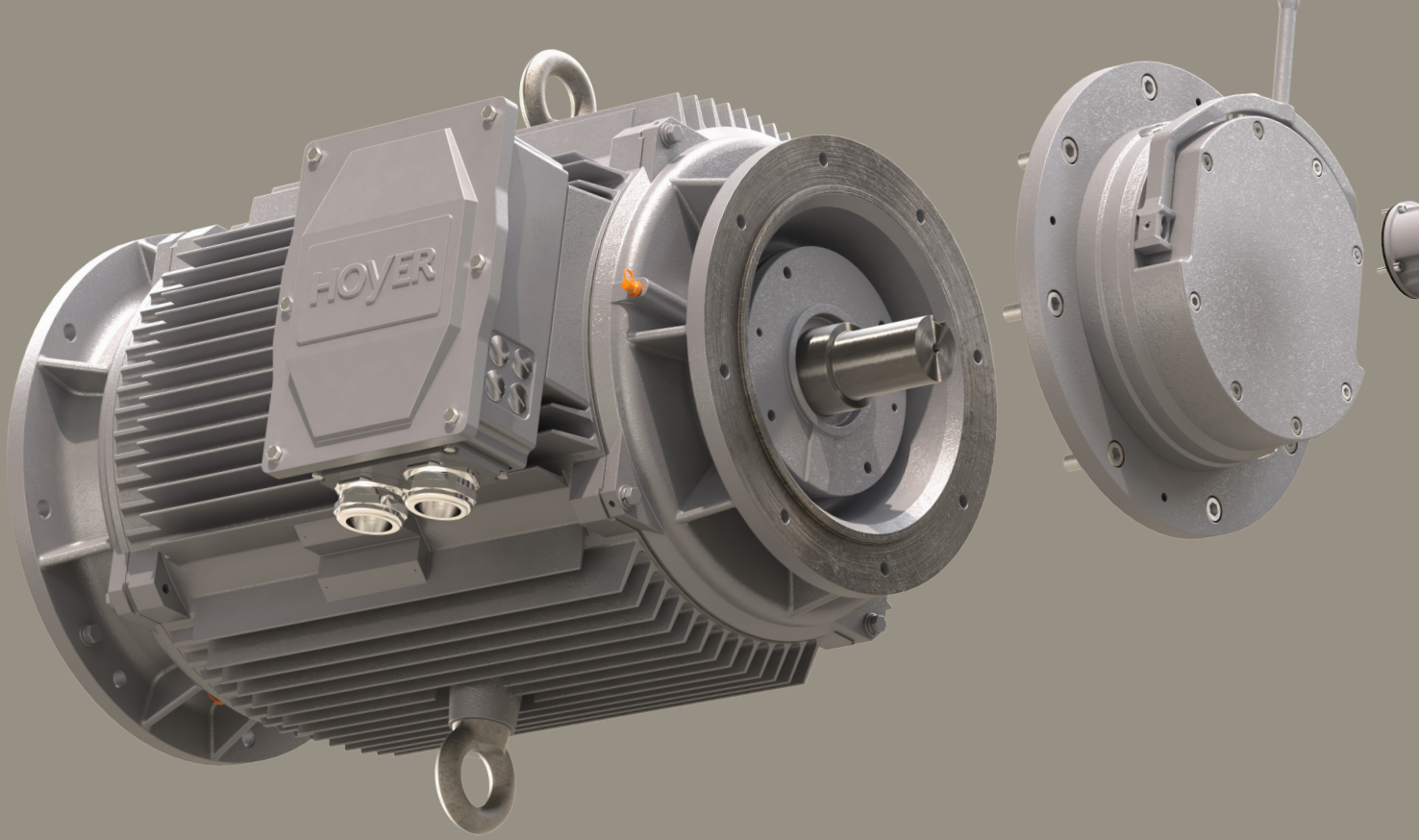
Working together, we will design and build a brake motor solution that helps you operate a more economically and environmentally sustainable business. That's what makes our solutions fit-for-purpose.

Energy Efficiency

Our brake motors integrate with frequency converters, encoders, and other control systems to improve deck operations. Ask us about how Hoyer ESS can help.

Safety

Hoyer marine brake motors minimise risks of equipment failure and load slippage, ensuring the crew safety and reliable operations in harsh conditions.



A modular design engineered to outsmart the ordinary

Hoyer marine brake motors can be used in any marine application.

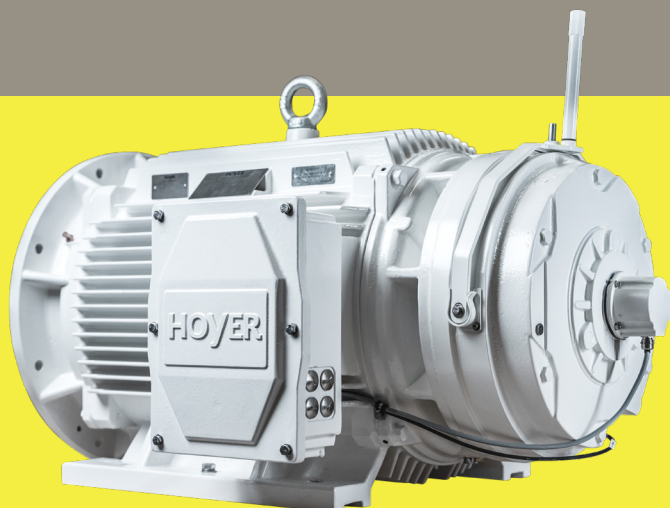
Our modular motor design means we can help you specify and build a solution that meets your exact needs.

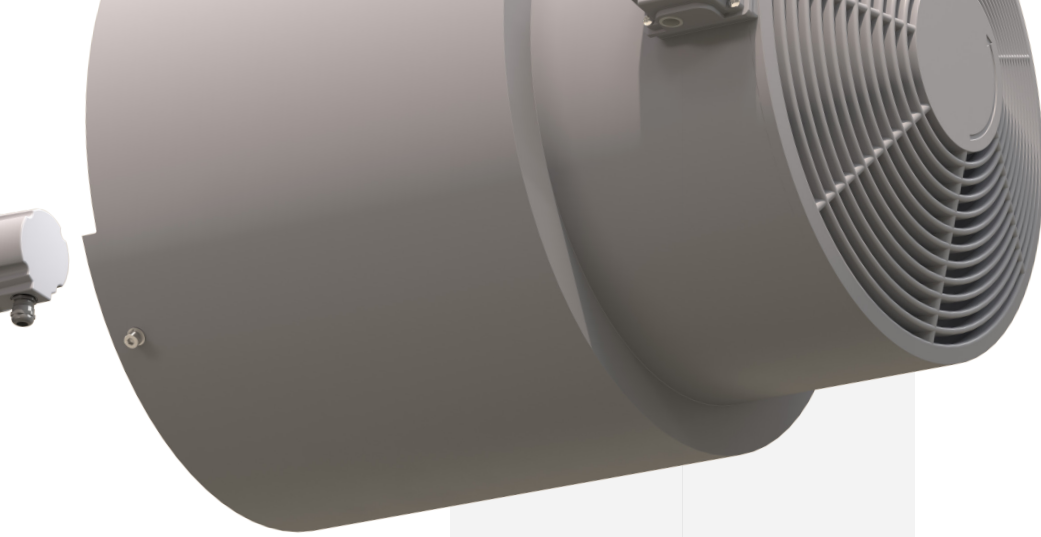
Our engineers and technical experts will help you evaluate factors like loadability, brake type, duty cycle, and automation requirements to find the right balance between cost and customisation.

Together, we design a fit-for-purpose solution every time, whether you are operating a single vessel or an entire fleet.

Customised to meet your operational needs and sustainability targets

Our localised brake production reduces transportation and environmental impact, helping to reduce costs and enhance the sustainability of your value chain.





Tailored solutions for the toughest conditions

Hoyer Marine Motors

- Approved by all major class societies
- Full scale documentation
- Low maintenance
- High mechanical strength
- Special desired open deck terminal box
- Tropicalised insulation
- Open deck design

Brake

- Multiple brand solution
- Seawater proof
- Manual hand release, microswitch as option
- Solutions for each type of application
- Customised brake systems

Range

Hoyer Marine Brake Motors are available from size 80 to 400.

Standard protection IP56 with option for open deck solutions. Basic range consists of three flexible designs with endless possibilities for customised solutions.

- Totally enclosed non-ventilated TENV (IC 410)
- Totally enclosed fan cooled TEFC (IC 411)
- Totally enclosed forced ventilated TEFC (IC 416)

Options

- Various encoders can be fitted
- Up to IP66 protection
- Special designed encoder seawater proof cover
- Terminal box heating
- Sealed terminal box
- Low temperature
- Forced cooling units, TEFV (IC 416)
- TENV at S1-100% duty cycle
- C5M, CX and Norsok painting
- VFD operation 0-60Hz constant torque, 60 - 120/180Hz constant power

Service and Flexibility

- Modular design to support customer requirements
- Complete package offer
- 3D drawing models
- Application knowledge
- Training
- In-house testing
- One organisation for global customers
- Aftersales department and access to application engineers
- Various S-duties cycle
- Reinforced winding insulations for VFD operation

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Scan for more information
about the benefits of
Hoyer marine brake motors

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