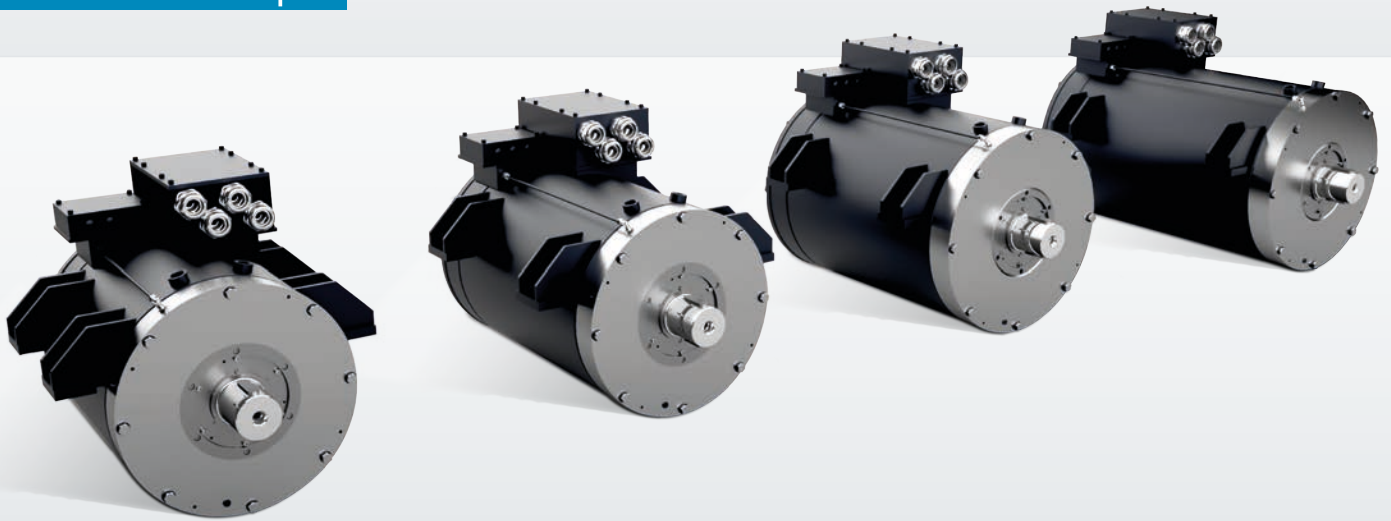


Synchronous motors

for ships



VECTOMOTOR VM600m *marine*

Motors for your ship's or propulsion drive

- + Excellent PM technology means maximum torque during start-up
- + Ideal for direct drives without additional gearbox. This avoids additional efficiency losses due to bearing friction or lubrication (swashing)
- + Max. torque from smallest cross-section for the most compact dimensions
- + Suited to the VECTOPOWER inverters for optimal efficiency and torques even at low speeds
- + With marine certification for motors in the sizes 300, 500, 700 and 900kW. Further sizes available upon request.

Optimized for direct drive of ship's screws without additional gear box and with ideal efficiency.



Performance data for the 300 and 900 kW electric motors

	VM600M-18W0191	VM600M-1AW0318
Article no.	VM600M-18W0191-PM10015-0110	VM600M-1AW0318-PM10015-0110
Topology	PM synchronous	PM synchronous
Terminal voltage AC	405 V	563 V
Nominal torque		
Rated power	300 kW	500 kW
Rated speed	1500 1/min	1500 1/min
Nominal current	460 A.rms	583 A.rms
Efficiency at continuous load	96,8%	96,8%

Technical changes benefit our customers. Subject to change.

	VM600M-1AW0446	VM600M-1AW0573
Article no.	VM600M-1AW0446-PM10015-0110	VM600M-1AW0573-PM10015-0110
Topology	PM synchronous	PM synchronous
Terminal voltage AC	683 V	685 V
Nominal torque		
Rated power	700 kW	900 kW
Rated speed	1500 1/min	1500 1/min
Nominal current	639 A.rms	820 A.rms
Efficiency at continuous load	97%	97%

Technical changes benefit our customers. Subject to change.

Interested? Give us a call:

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