



## SAIL-DRIVE

### **DRIVE**

The drives were produced for an energy-efficient and powerful use. By the use of most modern asynchronous technology, the drive is totally maintenance-free. A stable structure with the highest power intensity was achieved. The drive is very quiet and it has a low vibration.

### **MOTOR CONTROL**

The stepless one hand speed control consists of a central unit with fuses, custom made power cables with battery ports and a key switch. The motor controller is microprocessor-controlled. It shows an efficient diagnose, self proofing, safety and protection function. There's no need for any kind of safeguards or emergency stop switch.



### **SAIL-DRIVE GEARBOX**

We choose as gearbox manufacturer the premium gearbox manufacturer ZF from Germany. ZF SD considerably reduce vibration and other related propulsion system noise on board, compared to a traditional shaft line system. One other important feature is the ease and the safety of installation, as no particular settings or alignments are necessary. The gearbox is permanent seawater resistant.

Model	Voltage	Power	Current	Efficiency	RPM	Motortype
SMA110	48VDC	11000W	240A	88%	890U/min	Asynchronous
SMA160	72VDC	15000W	236A	88%	950U/min	Asynchronous