



E-LINE

080

10,2 kW input peak power
1500 RPM - 55 Nm output

8,4 kW input power
1400 RPM - 48 Nm output



ELINE080S



MPE1KB



MPE1MBV

Supplied with

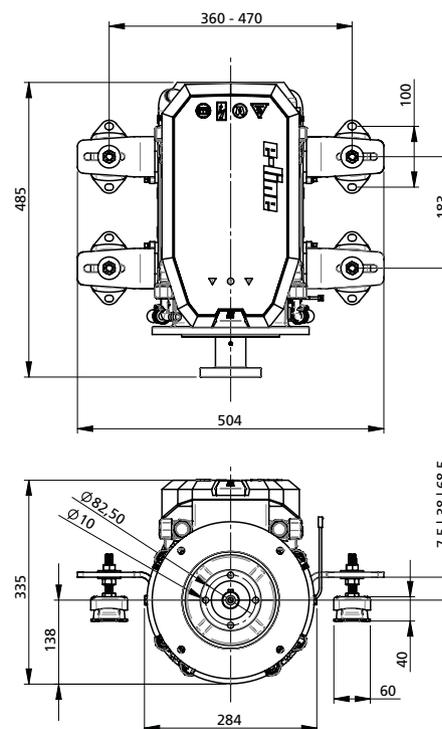
- Swap & Go motor brackets and motor mounts type EMX65
- Integrated thrust bearing
- Mounting flange 4" suitable for Combiflex 12, Bullflex type 1 (see page 95 for couplings and propeller shaft products)
- MPE1KB key switch - all-in-one solution; V-CAN power supply, external 12 VDC power supply and anti-theft, see page 80
- MPE1MBV monitoring panel - V-CAN monitoring, battery indication, motor alarms and motor status, see page 82
- IV4812360 converting 48 VDC to the required V-CAN power supply 12 VDC

Additional components and accessories to upgrade your electric boating experience

- Side-mount V-CAN control levers with different propulsion modes (see page 81)
- Fresh-water cooling set for clean fresh surface water (see page 80)
- Keel cooling set for a closed cooling system - salt and muddy waters (see page 80)
- Multifunctional display and battery monitoring solutions (see pages 82 and 83)
- Shore power connection set (see page 279)

TECHNICAL SPECIFICATIONS

| E-LINE model | 080 |
|---|--|
| Motortype | Brushless induction motor |
| CAN bus | V-CAN |
| Nominal input voltage | 48 VDC (40 - 60 VDC) |
| Maximum input current draw | 220 A |
| Maximum output power | 8,5 kW (cf. 16 hp) |
| Indicative energy consumption* | 1 kWh @ 6 km/h (3,5 kt)* |
| Suitable for indicative boat length | up to 9 m (29,5 feet) or 5 ton* |
| Motor output power | 7,5 kW (@1400 rpm) (ISO/DIS 8665-2) |
| Maximum shaft rpm in NORMAL mode | 1400 rpm |
| Maximum shaft rpm in ECO mode | 1100 rpm |
| Maximum shaft rpm in POWER mode | 1500 rpm |
| Maximum torque | 60 Nm |
| Transmission ratio | 1:1 direct electric drive |
| Coupling (optional) | Combiflex 1225 / 1230 Bullflex 0125 / 011 |
| IP-rating motor | IP65 with gore-tex membrane and IPx3 cover |
| Cooling system | Air and liquid cooled |
| Liquid cooling system connections | 12,7 mm (1/2") (intake and outlet) |
| Control and warning lights and audible indication on MPE1MBV panel (standard) | Propulsion active, POWER mode, temperature, battery level indication, high current draw, low voltage, limiting alarm |
| Electric circuit protection | Fuse 250 Amps |
| Dry weight | 69 kg |
| Equipped with | Active Electronic Braking Battery Protection function Boosted Battery Charge function |



*Indication only. Values strongly depending on hull shape, boat length, weight, propeller pitch/diameter and other parameters.

