



COELMO DTL2590 EOS MARINE DIESEL GENERATOR 25.9 KVA

Reference: DTL2590 EOS

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Coelmo® Marine Generators make life on board a unique and comfortable experience. Every single component and detail has been studied and optimised to create a safe, reliable and environmentally friendly product. The soundproofed enclosure, made entirely of marine aluminium, can be easily opened on five sides for easy maintenance. The fresh water/sea water cooling system allows installation in poorly ventilated environments. The EOS® digital control panel provides operating parameters and alarms at a glance, constantly monitoring the Coelmo® Marine Generator. For an even more comfortable on-board experience, Coelmo® Marine Generators can be connected to Integra®, Coelmo®'s hologeneration system, a unique management of on-board energy sources.

Engine: Kubota V2403-BG, @1500rpm, 4-stroke diesel, naturally aspirated, direct injection, liquid cooled via FW/SW exchanger with CuNi tube bundle, wet exhaust system, 12 VDC electrical system (starter motor, alternator and wiring)

Alternator: COELMO C-NPE32 compliant with IEC34-1 and BS4999-5000, Power factor 0.8, Protection class IP23, Overtemperature class H, Single phase 230V, Insulation class H, air cooled, @1500rpm, 50Hz, self-excited, self-regulated with AVR, brushless.

Marine aluminium base and cabin for soundproofed version in powder-coated 5754 H111 ALLOY and anti-vibration system.

Semi-automatic control panel with COELMO EOS controller with remote display and 15 m connection cable, protection by manual circuit breaker.

The innovative FIDIO® and EOS® control boards are the ideal tool for keeping your Coelmo Marine® Generator under control. The displays show the operating status of the Generator, the electrical measurements and any alarms.

The images are purely indicative.

Technical Sheet

| Phase | Three phase |
|-----------------------------------|-------------|
| Maximum power three phase (KW) | 23.5 |
| Continuous power three phase (KW) | 18.8 |

| | |
|------------------------------------|---|
| Maximum power three phase (KVA) | 25.9 |
| Continuous power three phase (KVA) | 20.7 |
| Fuel | Diesel |
| Frequency (Hz) | 50 |
| Voltage (V) | 230 / 400 |
| Engine | KUBOTA V2403-BG |
| Engine rpm (rpm) | 1500 |
| Speed governor | Electronic |
| Starting system | Electric |
| Engine capacity (cm ³) | 2434 |
| Number cylinders | 4 |
| Oil capacity (L) | 8 |
| Cooling | With exchanger |
| Alternator | Synchronous, single bearing, self-regulated, self-excited, brushless, with electronic voltage regulator |
| Poles | 4 |
| Bore x stroke (mm) | 87 x 102 |
| Compression ratio | 23.2 : 1 |
| Consumption (L/h) | 3.4 at 50% of the load / 6.1 at 100% of the load |
| Acoustic pressure | 54 dB(A) at 7 m |
| Length (mm) | 1130 |
| Width (mm) | 600 |
| Height (mm) | 730 |
| Dry weight (Kg) | 448 |
| Silenced | Yes |
| Super silenced | Yes |
| Voltage regulator | AVR |
| Engine manufacturer | Kubota |