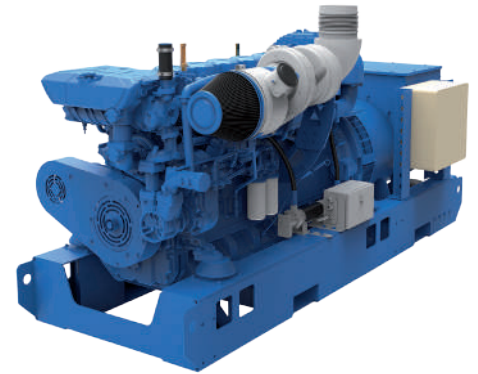




## Marine Generator Set

# 6 M26.3

| Model   | Injection   | Speed control | Cylinder configuration | Bore/stroke (mm) | Displacement (l) |
|---------|-------------|---------------|------------------------|------------------|------------------|
| 6 M26.3 | Common Rail | Electronic    | 6 in line              | 150X150          | 15.90            |



### Customer benefits

**Genuine marine design** with simple solutions, routine maintenance front area, engine block inspection hatches

**Continuous compact power** with reference performances in its category

**Global environment care** with low exhaust emissions, noise reduction and controlled fuel consumption at any running cycle

**Latest safe technology** including electronic injection dynamic redundancy, high efficient ball bearing turbocharger, integrated circuits with 0 flexible hoses, and more...

**Life cycle cost efficiency** with extended MTBO, modular concept reducing number of components and interfaces

### Rating table

| Rating | Frequency | RPM  | kWm | kWe | kVA | IMO*   | EPA*   |
|--------|-----------|------|-----|-----|-----|--------|--------|
| PRP    | 50 Hz     | 1500 | 440 | 416 | 520 | II-III | III-IV |
| PRP    | 60 Hz     | 1800 | 500 | 472 | 590 | II-III | III-IV |

\*IMO III & EPA IV with SCR System.

### Prime running power (PRP)

- Variable load with mean power calculated on 250 running hours
- No restriction on use if mean power  $\leq 75\%$  of nominal power
- Total operating time at 100% nominal power shall not exceed 500 hours per year
- 10% overload available 1 hour each 12 hours

### Power definition

Standard ISO 3046/1 - 1995 (F)

#### Reference conditions

|                       |               |
|-----------------------|---------------|
| Ambient temperature   | 25 °C / 77 °F |
| Barometric pressure   | 100 kPa       |
| Relative humidity     | 30%           |
| Raw water temperature | 25 °C / 77 °F |

#### Fuel oil

|                             |               |
|-----------------------------|---------------|
| Relative density            | 0,840 ± 0,005 |
| Lower calorific power       | 42 700 kJ/kg  |
| Consumption tolerances      | ± 5%          |
| Air inlet limit temperature | 35 °C / 95 °F |



## Standard equipment

### Cooling system

Two stages cooling circuit with built-in HT thermostatic valves  
 Integrated fresh water expansion tank with port/starboard filling provision  
 High efficiency tubular heat exchanger module  
 Gear driven centrifugal fresh water pump  
 Self priming raw water pump with bronze impeller

### Lubrication system

Full flow lube oil filters duplex type - Centrifugal lube oil purifier  
 Fresh water cooled lube oil heat exchanger module  
 Port or starboard lube oil filling cap and dipstick  
 Manual priming and draining pump

### Fuel system

Common-rail injection  
 High pressure pump with shielded high pressure rail and pipes  
 Fuel oil filter duplex type  
 Water separator

### Intake air and exhaust system

Double flow raw water cooled intake air heat exchanger module  
 Fresh water cooled exhaust gas manifolds  
 High efficiency dry turbochargers with ball bearing technology

### Electrical system

Voltage: 24V DC insulated  
 Electrical starter  
 Baseframe mounted control cabinet according to Classification Societies recommendations

### Generator

50/60 Hz frequency, 4 poles  
 Insulation / Heating class H/H  
 Electronic voltage regulation  
 IP23 protection, marine impregnation  
 Single bearing

## Specific fuel consumption

| Frequency | PRP |     |       |     | 75% PRP |       |     | 50% PRP |       |     |
|-----------|-----|-----|-------|-----|---------|-------|-----|---------|-------|-----|
|           | kWe | kWm | g/kWh | l/h | kWm     | g/kWh | l/h | kWm     | g/kWh | l/h |
| 50 Hz     | 416 | 440 | 195   | 102 | 330     | 196   | 77  | 220     | 200   | 53  |
| 60 Hz     | 472 | 500 | 198   | 118 | 375     | 196   | 88  | 250     | 200   | 60  |

## Dimensions and dry weight (mm / kg)

