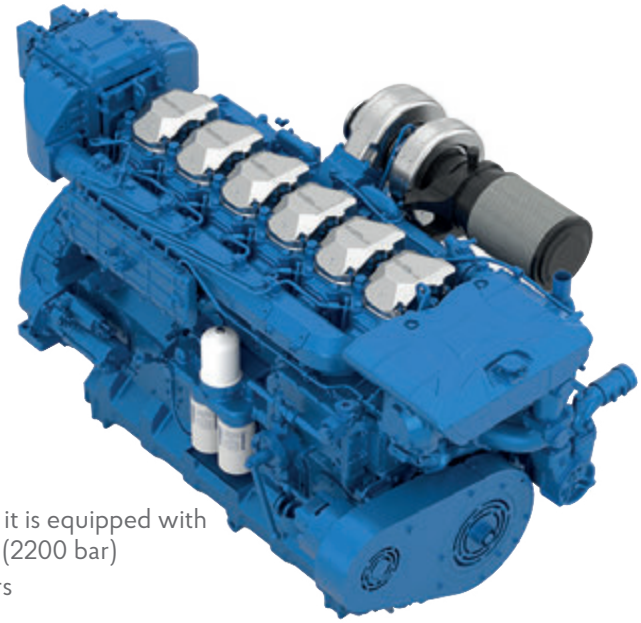
MOTEURS Baudouin

Marine Engines

# 6M26.3

4 Stroke diesel engine, common rail injection



| | |
|---|---|
| Number of cylinders | 6 in line |
| Bore and stroke (mm) | 150 X 150 |
| Total displacement (L) | 15.9 |
| Compression ratio | 15/1 |
| Engine rotation | counter clockwise |
| Idle speed | 650 |
| Flywheel | SAE 1 |
| Flywheel housing | SAE 14" |

## Customer benefits

**Adheres to strict emission regulations** and competitive performance as it is equipped with Most advanced common rail technology and high end injection system (2200 bar)

**Efficieient fuel consumption,** thanks to the highly efficient turbochargers

**Easy maintenance** due to individual cylinder heads

**Highly reliable** key components ensuring longevity

**Life cycle cost efficiency** with extended mean time between overhauls

## Rated power - Fuel consumption

| Duty | kW | HP | RPM | Fuel consumption | | | IMO | EPA | CCNR | CE97/68 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Optimum value | Rated power | | | | | |
| | | | | g/kWh | g/kWh | l/h | | | | |
| P1 | 441 | 600 | 1800 | 195 | 197 | 103 | II/III | 3/4 | II | III A |
| P2 | 485 | 660 | 1800 | 198 | 200 | 114 | II | - | II | III A |
| P2 | 515 | 700 | 2000 | 198 | 206 | 124 | II/III | 3/4 | II | III A |
| P2 | 552 | 750 | 2100 | 198 | 212 | 137 | II/III | 3/4 | II | III A |
| P3 | 599 | 815 | 2100 | 197 | 219 | 154 | II/III | 3/4 | - | - |

* Other power ratings are available on request

| | P1 | P2 | P3 |
|---|---|---|---|
| Application | Unrestricted Continuous | Heavy | Intermittent |
| Engine load variations | Very Little To None | Continuous | Important |
| Average Engine load factor | 80-100% | 30-80% | 50% |
| Annual working time | More Than 5000 H | 3000 -5000 H | 1000 - 3000 H |
| Time at full load | Unlimited | 8h Each 12h | 2h Each 12h |

## Power definition

(Standard ISO 3046/1 - 1995 (F))

### Reference conditions

| | |
|---|---|
| Ambient temperature | 25°C / 77°F |
| Barometric pressure | 100 kPa |
| Relative humidity | 30%R |
| 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% (DIN ISO 3046-1) |
| Inlet limit temperature | 35°C /95°F |

### Our ratings also comply with classification societies maximum temperature definition without power derating.

| | |
|---|---|
| Ambient temperature | 45°C / 113°F |
| Raw water temperature | 32°C / 90°F |

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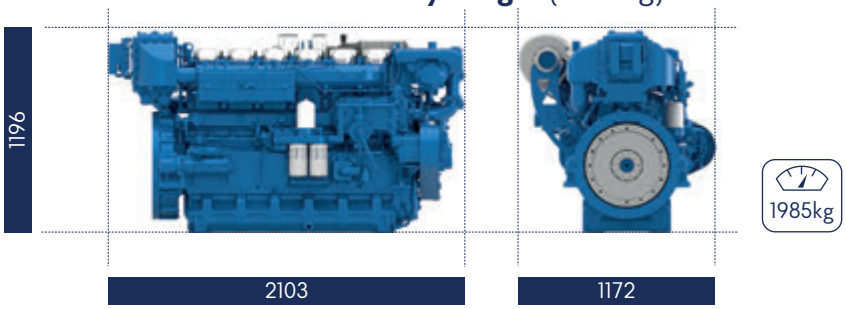
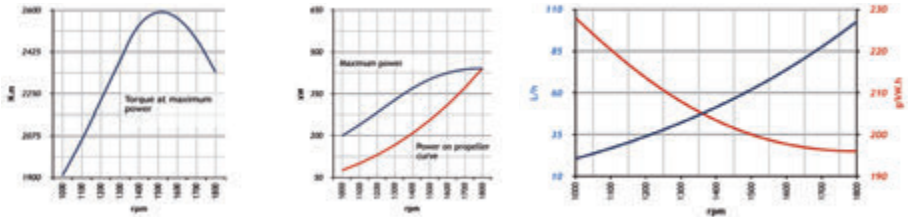
## Dimensions and dry weight (mm/kg)

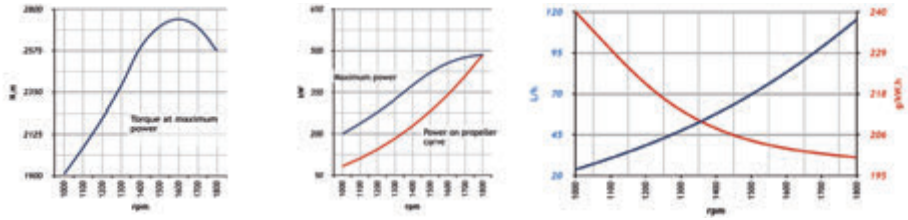



## Performance

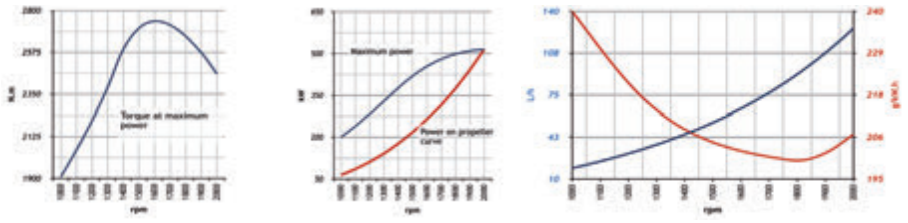
P1 - 441 kW - 600 hp @1800rpm



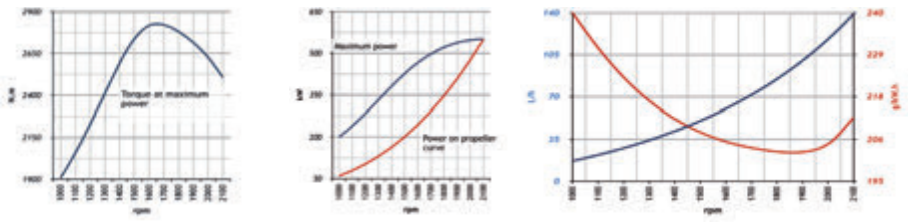
P2 - 485 kW - 600 hp @1800rpm



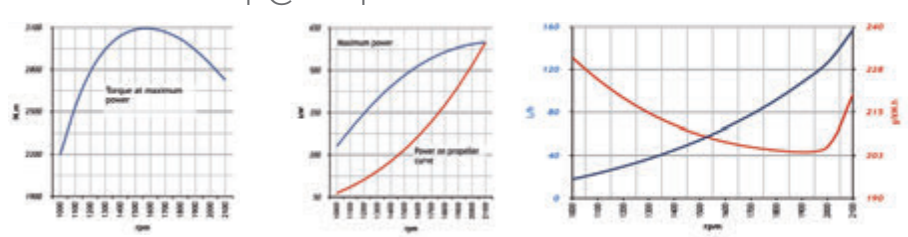
P2 - 515 kW - 700 hp @2000rpm



P2 - 551 kW - 750 hp @2100rpm



P3 - 599 kW - 815 hp @2100rpm





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