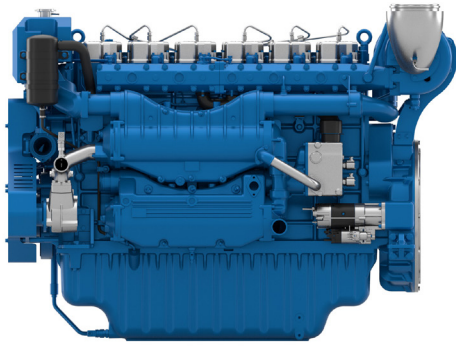




6M33.2

Auxiliary Diesel Engine



| | |
|------------------------|-------------------|
| Number of cylinders | 6 in line |
| Bore and stroke (mm) | 150 X 185 |
| Total displacement (L) | 19.6 |
| Compression ratio | 15/1 |
| Engine rotation | counter clockwise |
| Idle speed | 650 |
| Flywheel | SAE 1 |
| Flywheel housing | SAE 14" |

Customer benefits

Continuous compact power with reference performances in its category

Easy service with accesible components and unit cylinder heads

Simple technology with mechanical injection

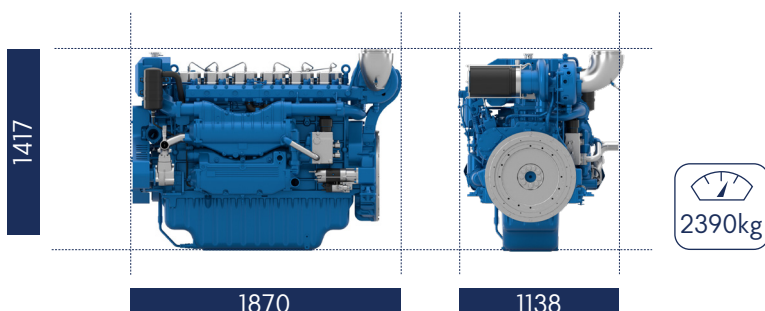
Life cycle cost efficiency with extended MTBO (Mean time between overhauls)

| 6M33.2 | | | | Fuel consumption | | Emissions |
|--------|-----|----------|------|------------------|-----|-----------|
| Rating | HP | kW (PRP) | RPM | g/kWh | l/h | IMO |
| PRP | 691 | 500 | 1500 | 198 | 118 | II |
| PRP | 760 | 552 | 1800 | 221 | 145 | II |

Generator Sets Engines

| Power Class | | Definition |
|-------------|-------------|---|
| PRP | Prime Power | Unrestricted running time Time at full load ≤ 500hrs/year Load variation ≤ 75% of rated power 10% overload 1hr/12hrs |

Dimensions and dry weight (mm/kg)



Standard equipment

| | |
|--------------------------------------|--|
| Cooling System | Two - stage cooling circuit with built - in HT thermostatic valve Integrated fresh water expansion tank High efficiency tubular heat exchanger Gear driven centrifugal raw water pump Self priming raw water pump with bronze impeller |
| Lubrication System | Full flow lube oil filters duplex type Fresh water cooled lube oil heat exchanger |
| Fuel System | Common-rail electronic injection High pressure pump with shielded high pressure injection rail and pipes Fuel oil filter duplex type External fuel pre-filter with water separator |
| Intake Air and Exhaust System | Double flow raw water cooled intake air heat exchanger module High efficiency dry turbocharger with ball bearing technology Two Stage Turbocharging system |
| Electrical System | Voltage: 24V DC insulated Electrical starter 190A battery alternator |

| | |
|---------------------------|--|
| Optional Equipment | Wet exhaust PTO elastic coupling Additional pulley Electric drain system Standard PTO for hydraulic pump Different alternators possible - including 12V Electrical rotary actuator |
|---------------------------|--|

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 |