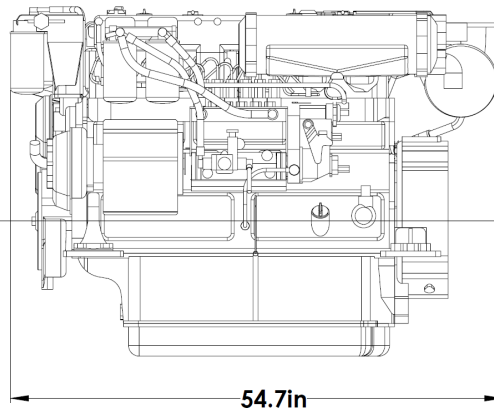
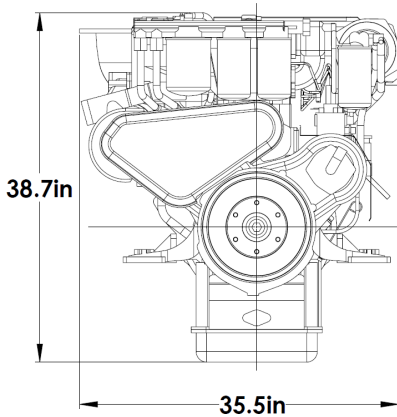


## 6CXBM-GT

RATING	HP	kW	RPM	PEAK TORQUE
S	502	374	2700	976 lb-ft
L	457	341	2700	890 lb-ft
M	394	294	2500	828 lb-ft
H	355	265	2400	778 lb-ft

<b>NO. OF CYLINDERS</b>	6 in-line
<b>BORE × STROKE</b>	110 × 130 mm
<b>DISPLACEMENT</b>	7.4 L
<b>COMBUSTION SYSTEM</b>	Direct injection
<b>ASPIRATION</b>	Turbocharger + Intercooler
<b>STARTING SYSTEM</b>	Electric Motor Starting (24V / 5kW)
<b>COOLING SYSTEM</b>	Heat Exchanger
<b>SIZE OF FLYWHEEL HOUSING &amp; FLYWHEEL</b>	SAE #3 & 11.5 in.
<b>DRY WEIGHT</b>	1887 lb (856 kg)
<b>DIMENSIONS</b>	54.7 × 35.5 × 38.7 in (1390 × 901 × 984 mm)
<b>EMISSIONS CERTIFICATIONS</b>	IMO Tier II
<b>CLASS CERTIFICATIONS</b>	NK, BV



### ENGINE DESIGN FEATURES

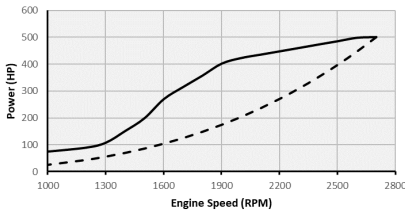
- Reliable, hand-built, “commercial” duty rated marine built engine
- Compact design with high HP to weight ratio
- Long service and overhaul intervals
- Rigid block, large diameter crankshaft, “Silicard” treated cylinder liners for extended lifecycle
- Large inspection windows allow for “in-vessel” overhaul

### COMPLETE ENGINE AND GEARBOX PACKAGE BENEFITS

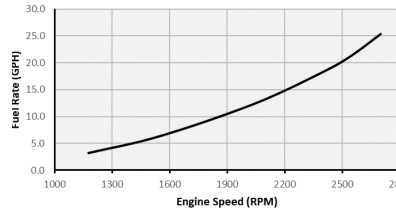
- Gearbox designed to specifically match engine
- Engine and gearbox load tested as a package
- Engine and gearbox assembled with torsional coupling, oil cooler, mounts, cooling pipes and companion flange included
- Torsional Vibration Analysis report available free of charge

### S - RATING

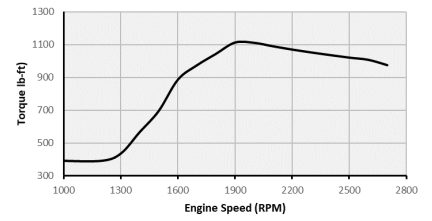
POWER OUTPUT



FUEL CONSUMPTION



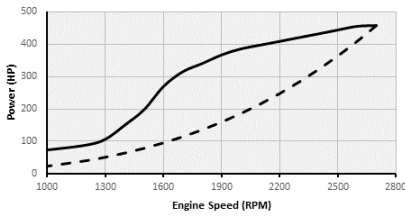
TORQUE OUTPUT



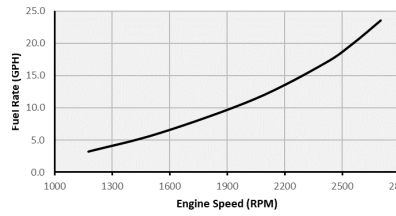
Rated power is less than 30 minutes continuous out of every 90 minutes and operation is less than 1000 hours per year.

### L - RATING

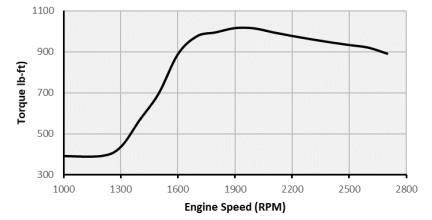
POWER OUTPUT



FUEL CONSUMPTION



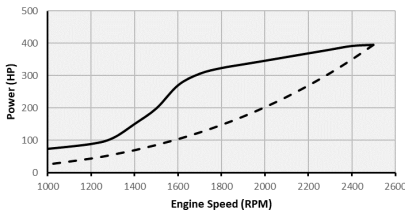
TORQUE OUTPUT



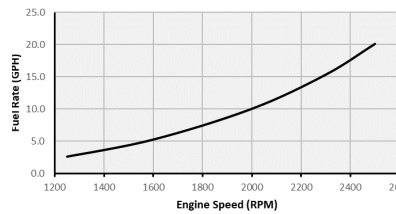
Rated power is less than 2 hours continuous out of every 5 hours and operation is less than 2000 hours per year.

### M - RATING

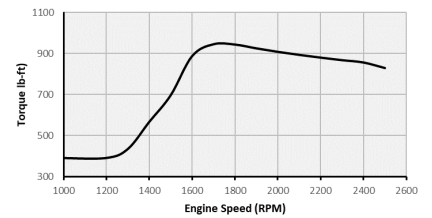
POWER OUTPUT



FUEL CONSUMPTION



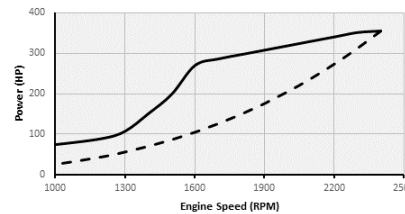
TORQUE OUTPUT



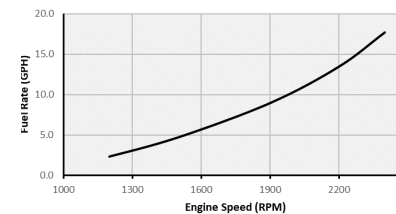
Rated power is less than 10 hours continuous out of every 16 hours and operation is less than 3000 hours per year.

### H - RATING

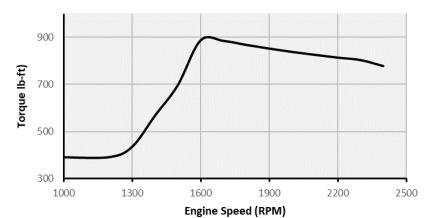
POWER OUTPUT



FUEL CONSUMPTION



TORQUE OUTPUT



Rated power is less than 24 hours continuous out of every 30 hours and operation is less than 4000 hours per year.

#### FUEL SYSTEM FEATURES

- Very quiet
- Fully mechanical
- Low fuel consumption
- Easy-access cartridge fuel filter

#### COOLING SYSTEM FEATURES

- Heat exchanger cooling standard with rubber impeller sea water pump
- Engine oil cooler features stainless and cast iron design
- Large volume cooling pump

#### OIL LUBRICATION SYSTEM

- 500 hour oil service interval
- Standard oil pan: approximate 8.5 gallon capacity
- Shallow oil pan: approximate 5.8 gallon capacity
- Standard spin on oil filter assembly

#### MONITORING

- Digital display with built-in J1939 and NMEA 2000 conversion and output
- Optional engine mounted panel
- Multiple configurations for all applications
- Optional YANMAR engine and gearbox control