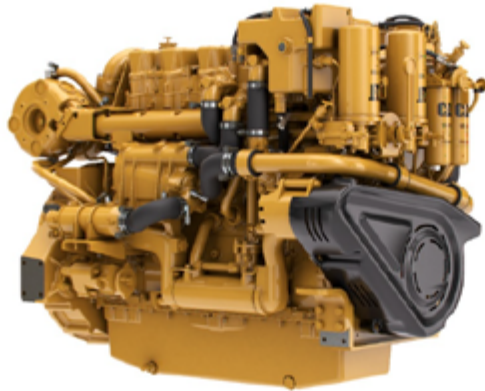


C18 Marine Auxiliary Engines

Commercial Applications



ENGINE SPECIFICATIONS

CONFIGURATION	Inline 6, 4-Stroke Diesel	BORE X STROKE	145 mm (5.7 in) x 183 mm (7.2 in)
EMISSIONS	IMO II, IMO III, U.S. EPA Tier 3, China Stage II, EU Stage V	REFILL CAPACITY LUBE OIL SYSTEM W/OIL FILTER CHANGE	49 L (13 gal) Shallow Pan 68 L (18 gal) Deep Pan
RATED ENGINE SPEED	1500 / 1800 rpm	OIL CHANGE INTERVAL	250 / 500 hours
DISPLACEMENT	18.1 L (1106 cu in)	ROTATION (FROM FLYWHEEL END)	Counterclockwise
ASPIRATION	Turbocharged – Aftercooled	COOLING	Heat Exchanger or Keel Cooled
GOVERNOR	Electronic		
FLYWHEEL HOUSING	SAE No. 0 (136 teeth) or SAE No. 1 (113 teeth)		

KEY FEATURES & BENEFITS

- Electronic control system provides rapid torque and throttle response at low speeds, while maintaining fuel efficiency at high speeds
- Compatible with Cat® displays for seamless vessel integration
- 24 V electrical system
- Certified by all marine classification societies

STANDARD EQUIPMENT

- Separate circuit aftercooler (SCAC)
- Heat exchanger or keel cooling
- SCAC and Jacket Water shunt tanks with sight glass
- Watercooled exhaust manifold and turbocharger
- Center sump oil pan, deep or shallow
- Oil and Fuel Filter service located on the front of the engine
- MEUI fuel system
- Adjustable front mounting supports
- Electronic controls
- Front vibration damper and guard

OPTIONAL ATTACHMENTS

- Alternators – 24 V or 105 A
- Closed crankcase ventilation
- Additional engine and transmission sensor packages
- Instrument panels
- Air and electric starting motors
- Fuel cooler
- Duplex fuel and oil filters

RATINGS & FUEL CONSUMPTION

COMMERCIAL AUXILIARY ENGINES

bhp	bkW	rpm	U.S. g/h	g/bkW-hr	IMO	U.S. EPA	EU	China
404	301	1500	19.2	205.6	II	NC	NC	NC
514	383	1500	24.1	202.7	II/III	NC	EU V	NC
587	438	1500	27.5	201.9	II/III	NC	NC	NC
617	460	1500	28.2	197.3	III	NC	EU V	NC
660	492	1500	31.3	203.8	II/III	NC	NC	NC
499	372	1800	24.6	212.5	II	NC	NC	NC
624	465	1800	30.5	211.0	II/III	T3C	EU V	C-II
774	577	1800	37.4	210.7	NC	T3C	NC	NC
803	599	1800	39.1	209.9	II/III	NC	EU V	C-II

IMO III and EU Stage V require exhaust aftertreatment.
For more information, reach out to your local dealer.

Rating Definition Generator Sets and Auxiliary Engines:

All Cat Marine auxiliary engines and generator sets are rated for prime power for continuous electric service according to ISO 8528-1.
Hours per year: unlimited
Load Factor: < 70%
Overload Capacity: + 10% (Maximum of 1 hour in 12, maximum of 25 hours per year.)

ENGINE DIMENSIONS & WEIGHT

LENGTH (APPROX.)	73 in / 1854 mm
HEIGHT (APPROX.)	51.2 in / 1300 mm
WIDTH (APPROX.)	44.6 in / 1134 mm
DRY WEIGHT (APPROX.)	4299 lb / 1950 kg

