



CATERPILLAR

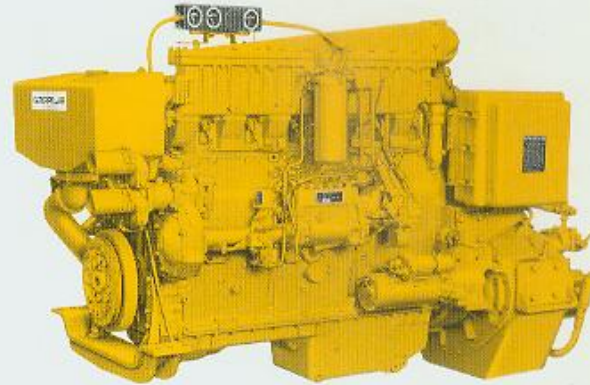
MARINE PROPULSION ENGINE

3406

250 - 402 hp

Features

- Fuel Efficient — low friction three-ring piston design . . . direct injection fuel system
- Reliable, Durable — big displacement . . . steel spacer plate between head and block to eliminate counterboring
- Compact and Easy to Maintain — adjustment-free fuel system . . . spin-on fuel and lube filters . . . 60% parts reusability
- Complete Packages — Cat generators and 7200 series transmissions designed for Cat Engines . . . matched packages for ease of installation and maximum operational efficiency



TA Shown with Accessory Equipment

Standard Equipment

- Air Intake
service indicator with dry air cleaner
- Cooling
expansion tank, water pumps, thermostats, lube oil and transmission oil cooler
- Exhaust
watercooled exhaust manifold and turbocharger
- Flywheel and Flywheel Housing, SAE No. 1
- Fuel
priming and transfer pumps, filter
- Governor, hydra-mechanical
- Instruments and Gauges
panel with oil pressure, fuel pressure, and coolant temperature gauges
tachometer drive, service meter
- Lubricating
oil pump, manual sump pump, oil filters

Accessory Equipment

- Air Cleaner Adapter
- Control
remote-mounted pilot house controls
- Cooling
auxiliary pump, heat exchanger
- Exhaust
muffler, watercooled elbow
- Fuel, primary filter
- Instruments and Gauges
engine-mounted premium panels, pilot house panels, tachometer
- Power Takeoffs
auxiliary drive, front enclosed clutches, hydraulic pump drive
- Protection Devices
coolant temperature and oil pressure contactors, overspeed and solenoid shutoffs
- Starting
air, electric

Specifications

In Line 6, 4-Stroke-Cycle Diesel

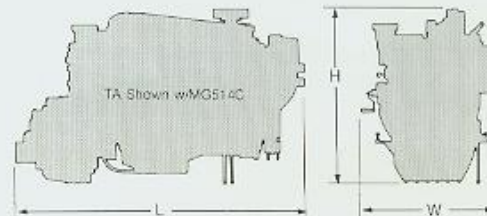
Bore — in (mm)	5.40 (137)
Stroke — in (mm)	6.50 (165)
Displacement — cu in (liter)	893 (14.6)
Rotation (from flywheel end)	Counterclockwise
Weight, Net Dry (approximate) — lb (kg)	
Turbocharged (T)	3,090 (1403)
Turbocharged-Aftercooled (TA)	3,240 (1470)

Marine Transmission

Transmission Weight, Net Dry (approximate) — lb (kg)

MG509 1.45:1, 2:1, 2.95:1	555 (251)
MG509 3.83:1, 4.5:1	715 (324)
MG514C 2:1, 2.5:1, 3:1, 3.5:1	1,150 (522)
MG514C 4.5:1, 6:1	1,360 (617)

Dimensions



		L	H	W
		in	mm	in
3406 T	MG509—1.45:1, 2:1, 2.95:1	54.8 (2153)	48.9 (1241)	41.4 (1053)
3406 T	MG509—3.83:1, 4.5:1	58.0 (2236)	51.5 (1309)	41.4 (1053)
3406 TA	MG514C—2:1, 2.5:1, 3:1, 3.5:1	90.1 (2290)	54.5 (1385)	41.4 (1053)
3406 TA	MG514C—4.5:1, 6:1	93.8 (2382)	61.5 (1562)	41.4 (1053)