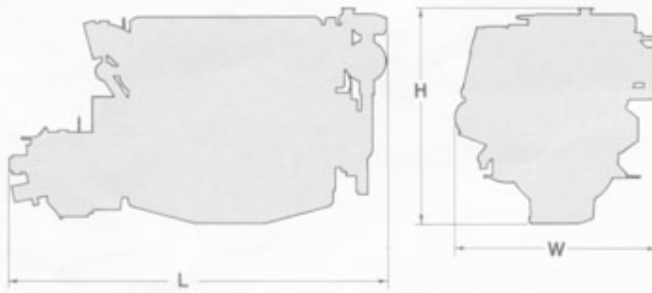


## 3116 MARINE ENGINE – 205-350 hp

**CATERPILLAR®**



TA Shown with Accessory Equipment

### MARINE TRANSMISSION\*

MARINE TRANSMISSIONS	RATIOS	DRY WEIGHT kg (lb)
MG5050	1.53:1, 2.04:1, 2.43:1	86 (189)
MG5061	1.48:1, 2.00:1, 2.43:1	98 (215)
MG506-1	1.5:1, 1.97:1, 2.5:1	100 (220)
MG506A	1.5:1, 1.97:1	125 (275)
MG507-1*	1.51:1, 1.98:1, 2.54:1, 2.99:1	159 (350)
MG5061A	1.54:1, 2.00:1, 2.47:1	95 (210)

\*Transmission selection depends on input power, speed, ratio, and vessel application. Contact your Caterpillar Dealer.

### DIMENSIONS

	L		W		H	
	mm	in	mm	in	mm	in
MG5050	1605	63.2	860	33.8	816	32.1
MG5061	1663	65.5	860	33.8	816	32.1
MG506-1	1518	59.8	860	33.8	816	32.1
MG506A	1535	60.4	860	33.8	816	32.1
MG507-1*	1595	62.8	860	33.8	816	32.1
MG5061A	1663	65.5	860	33.8	816	32.1

### STANDARD ENGINE EQUIPMENT

- Air intake
  - dry-type, single-stage air cleaner with service indicator
- Alternator
  - belt driven, 12 volt, 51 ampere
- Cooling
  - transmission oil cooler, heat exchanger, engine oil cooler, watercooled exhaust manifold, auxiliary sea water pump, expansion tank, low water level contactor thermostats
- Flywheel and housing
  - SAE #3, rear-mounted starter
- Fuel
  - filter, shutoff solenoid – energized to run, forward routed control cable bracket
- Governor
  - mechanical
- Lubricating
  - oil filter, filler, dipstick
- Starting
  - electric
- Support
  - front
- Torsional vibration damper
- Tachometer drive
  - magnetic pickup

### ACCESSORY EQUIPMENT

- Air intake
  - walker airsep
- Alternator
  - belt driven – 24 volt, 35 ampere, belt driven – 24 volt, 60 ampere, belt driven – 12 volt, 105 ampere
- Cruise kit
- Exhaust
  - 6" watercooled elbow, 5" dry elbow
- Flexible engine mounts
- Flywheel and housing
  - SAE #3, front-mounted starter
  - SAE #2, front-mounted starter
- Fuel
  - rear-routed control cable bracket, rh fuel filter, fuel/water separator, shutoff solenoid – energized to shutoff
- Fuel
  - cooler, priming pump
- Instruments and gauges
  - service meter, single and dual instrument panels
- Lubrication
  - left hand mounted oil filter, filler, dipstick
  - top access oil filler and dipstick
- Power takeoffs
  - front crankshaft mounted pulley, front mounted enclosed clutch, hydraulic pump drive pad
- Protection devices
  - oil pressure and water temperature contactor
- Support
  - flywheel housing mounted rear supports
  - transmission mounted rear supports

### RATING CONDITIONS

**Ratings** are based on SAE J1349 standard conditions of 100 kPa (29.61 in Hg) and 25° C (77° F). These ratings also apply at ISO 3046/1, DIN 6271 and BS 5514 standard conditions of 100 kPa (29.61 in Hg), 27° C (81° F) and 60% relative humidity.

**Fuel rates** are based on fuel oil of 35° API [16° C (60° F)] gravity having an LHV of 42 780 kJ/kg (18,390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal).

materials and specifications are subject to change without notice.

The International System of Units (SI) is used in this publication.

LEHM4241  
Supersedes LEHM3169

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