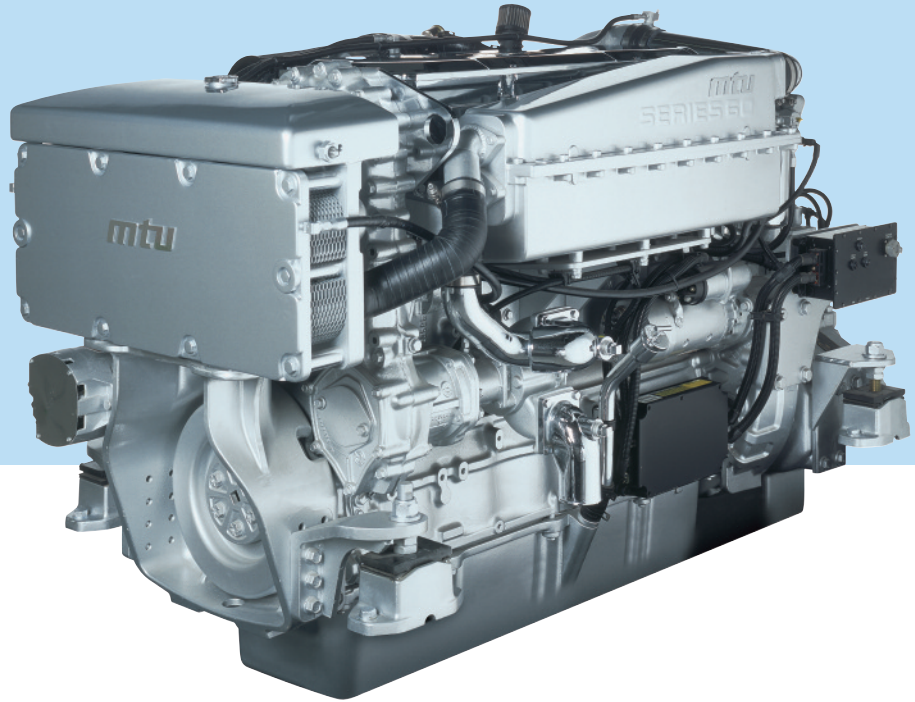


Diesel Engines S60

for Marine Main Propulsion

Maximum Continuous Ratings (1 B)



Typical applications:

- Fast commercial vessels
- Monohulls
- Hydrofoils
- Catamarans

Engine Specification

Configuration	In-line 6 cylinder
Displacement	14.0 liters (855 cu in)
Bore / Stroke	133 mm / 168 mm (5.24 in / 6.61 in)
Description	Turbocharged and aftercooled
Governor	Electronic DDEC IV
Port Model	6062HK35 (HE) or HK33 (KC)
Starboard Model	6062HK34 (HE) or HK32 (KC)

Engines comply with NO_x Limits according to MARPOL 73/78 (IMO) Annex VI; available also acc. to EPA Emissionstandard 40CFR 94 Tier 2.

ICFN

I = Power to ISO
 C = Continuous power output
 F = Fuel stop power
 N = Available power. Accessories necessary for operation, engine driven

Standard Ratings

Rated Power ICFN				
	kW	354	399	447
	bhp (SAE J 1228)	475	535	600
Speed	rpm	2100	2100	2100
Fuel consumption	g/kWh	201	203	210
	lit/h	85.7	97.6	113.6
	gal/h	22.6	25.8	29.9

Power definition to DIN ISO 3046:

Intake air temperature 25 °C / sea water temperature 25 °C

Rated power available up to 45 °C / 32 °C

Shaft power equal to rated power x 0.97

1B Diesel engines for vessels with high load factors

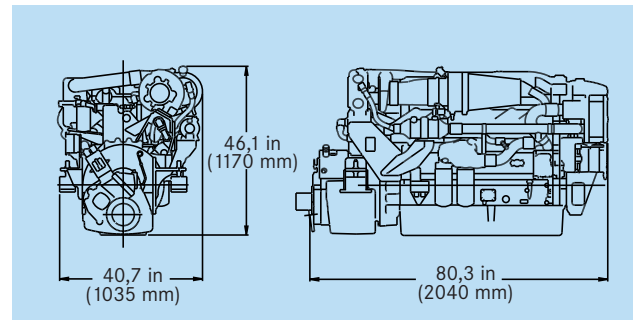
Standard load profile:

Power	%	100	15
Time	%	75	25

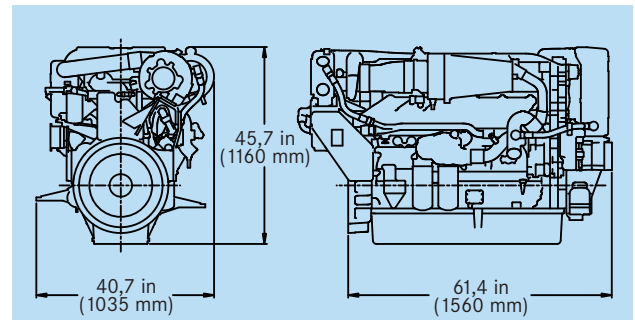


Standard Equipment

Diesel Engine	Water-cooled exhaust components; Flywheel housing SAE #1
Fuel System	Electronic unit injection system; secondary fuel filter mounted on engine
Engine Oil System	Dual filters mounted on engine
Engine Cooling System Heat Exchanger (HE) (6062 HK 34/35)	Titanium plate modular heat exchanger system with integral fuel cooler; sea water cooled charge air cooler; gear driven self-priming raw water pump with 2.5" inlet
Engine Cooling System Keel Cooled (KC) (6062 HK 32/33)	Engine equipped for keel cooling including expansion tank; separate circuit cooling pump; engine fuel cooler; marine gear oil cooler
Air Inlet System	Air intake filter with silencer and attached on breather pipe; 24 V emergency air shutdown
Electrical	Starter: 24 V Alternator: 24 V/100 amp, belt driven
Engine Mounting	Resilient
Marine Gear	Electric shift marine gear; gear oil cooler in raw water circuit
Port/Starboard Engine Configuration	Accessibility for service work



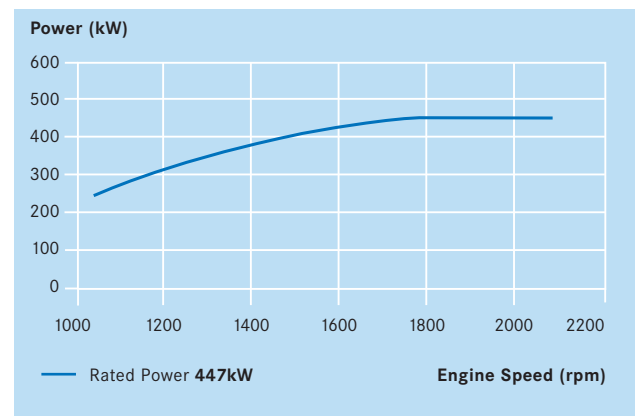
Dimensions – with MG 5114 SC Marine Gearbox
Weight dry: 1,845 kg (4,055 lbs.)



Dimensions – without Marine Gearbox
Weight dry: 1,630kg (3,593 lbs.)

All dimensions are approximate. For complete dimensional information, refer to installation drawing provided by your authorized MTU or MTU Detroit Diesel representative. Transmission shown represents standard option marine gear.

Power Curve



Optional Equipment

Engine Lube System	Remote mount lube oil filters – single or double
Electrical	12 V starter; 12 V alternator / 130 amp; 12 V Amot air shut down
Accessory Drives	SAE A (front gear train), Front crankshaft pulley for use with V-belts
Transmission	Shallow oil pan, down angle
Transmission Options	Trolling valve
Exhaust	Raw water cooled stainless elbow
Electric Priming Fuel Pump	Mounted on primary fuel filter / water separator
Classification	Available upon request

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