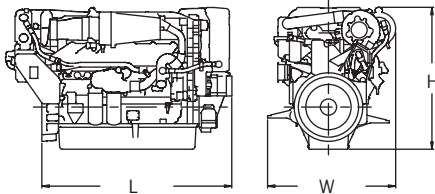
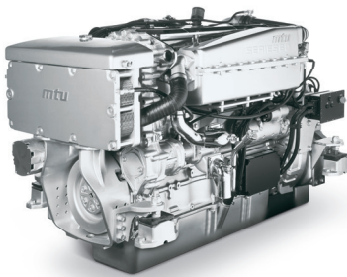




## Marine

# DIESEL ENGINE S60

for on-board power generation in prime power limited and standby power operation (3C/3D)



Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
S60 with Keel Cooling	1545x1035x1160 (60.8x40.7x45.7)	1635 (3605)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine		
Bore/stroke	mm (in)	133/168 (5.24/6.61)
Cylinder configuration		6 cyl./In-line
Displacement, total	l (cu in)	14.0 (855.0)
Description		Turbocharged and after cooled
Model		6062HK51/6062HK53 with exhaust emission IMO I 6062HK57/6062HK59 with exhaust emission IMO II/ EPA 2
Governor		Electronic DDEC IV

Application	Prime Power limited 3C		Standby Power 3D	
Frequency	60 Hz		60 Hz	
Speed	1800 rpm		1800	
Power Definition	Fuel Stop Power (ICXN)		Fuel Stop Power (IFN)	
	kw		410	
	bhp		550	
Fuel consumption 1)	g/kWh	200      213	200	213
	l/h	97.7      104.4	97.7	104.4
	gal/h	25.8      27.6	25.8	27.6
Optimization of exhaust emissions		IMO I      IMO II/EPA2	IMO I	IMO II/EPA2

<sup>1)</sup> Tolerance for fuel values has not been specified

Application	Power definition	
3C - Prime power limited	Standby operation with variable load	Load factor: $\geq 75\%$ , Operating hours/year: max. 1000 Overload: 10 % capability (ICXN)
3D - Standby power	Standby operation with variable load	Load factor: $< 85\%$ , Operating hours/year: max. 500 Overload: Fuel stop power (IFN)

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	Filters mounted on engine
Engine cooling system; Heat gear	Titanium plate modular heat exchanger system with integral fuel cooler; sea water cooled charge air cooler Exchanger (HE) (6062HK53+57) driven self-priming raw water pump with 2.5" inlet
Engine cooling system	Engine equipped for keel cooling including expansion tank; separate circuit cooling pump; Keel Cooled (KC) (6062HK51+59) engine fuel cooler
Air inlet system	Air intake filter with silencer Alfdex centrifugal breather system; 24V emergency air shutdown
Electrical	Starter: 24V; Alternator: 24V/100 amp, belt driven
Mounting system	Resilient and solid

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

Reference conditions:

- > Power definition at rated Power (ICXN) according ISO 3046
- > Power definition at fuel stop power according SAE J1228
- > Barometric pressure 1000 mbar
- > Intake air temperature 25°C/Sea water temperature 25°C
- > Intake air depression 15 mbar/Exhaust back pressure 30 mbar
- > Rated power available up to 45°C/32°C
- > Shaft power equal to rated power x 0.97

Specifications are subject to change without notice. All dimensions are approximate.

For complete information refer to installations drawing. For further information consult your MTU distributor/dealer.