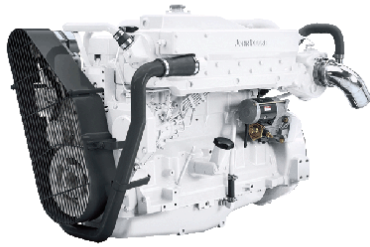


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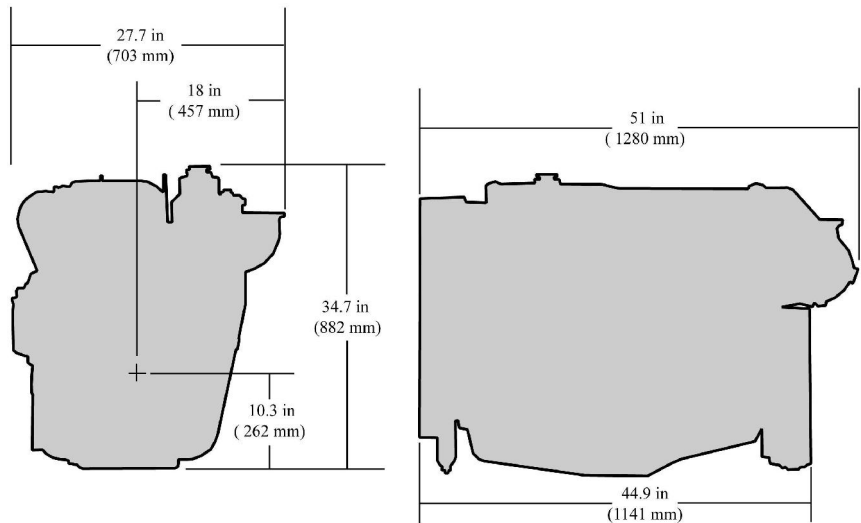
6068TFM75 Diesel Engine

Marine Propulsion Engine Specifications



6068TFM75 shown

Dimensions



Dimensions shown in mm (in) may vary according to options selected. Contact your distributor for more information.

Emissions

EPA Commercial Marine
IMO MARPOL Annex VI

General Data (Based on Standard Option Configuration)

| | | | |
|---------------------------|-------------------------|---|-------------|
| Model | 6068TFM75 | Length maximum - mm (in) | 1141 (44.9) |
| Number of cylinders | 6 | Height - mm (in) | 882 (34.7) |
| Displacement - L (cu in) | 6.8 (415) | Height, crankshaft centerline to top - mm (in) | 620 (24.4) |
| Bore and Stroke-- mm (in) | 107 x 127 (4.21 x 5.00) | Height, crankshaft centerline to bottom - mm (in) | 262 (10.3) |
| Engine Type | In-line, 4- Cycle | Weight, dry - kg (lb) | 730 (1609) |
| Aspiration | Turbocharged | | |

Classification Societies

BV,CRS,DNV-GL,LR,PRS,RINA

*SOLAS and other accessories available. Contact your distributor for details

Engine Specifications

| Performance ratings | Power kW (bhp) | Rated Speed (rpm) | Rated fuel consumption L/hr (gal/hr) |
|---------------------|----------------|-------------------|--------------------------------------|
| M1 | 118 (158) | 2400 | 33.6 (8.9) |
| M2 | 133 (178) | 2500 | 38.4 (10.1) |
| M3 | 150 (201) | 2600 | 44.1 (11.6) |

Metric hp = Brake hp x 1.01387

| M rating | M1 | M2 | M3 |
|-----------------------------------|---------------|------------------|-----------------|
| Typical load factor | > 65% | < =65% | < =50% |
| Typical annual usage (hr) | Unrestricted | 3,000-5,000 hr | 2,000-4,000 hr |
| Typical full-power operation (hr) | Uninterrupted | 16 of each 24 hr | 4 of each 12 hr |

Ratings are based on ISO 8655 standard power rating and the SAE J1 228 crankshaft power rating.

Flexibility of installation due to range of options.

See your John Deere Power Systems engine distributor or marine dealer for more detailed performance information.

Features and Benefits

Watercooled Turbocharger and Exhaust Manifold

- Cooler and quieter environment for vessel and crew

Either-side Service

- Oil fill and dipstick combinations
- Remote oil filter for easier service access
- Application and service flexibility to provide installation convenience plus fast and easy maintenance

Heat exchanger or Keel Cooled

- High-capacity heat exchanger designed for reliable operation in adverse conditions
- Integrated expansion tank, heat exchanger and exhaust manifold reduce chances of leaks
- Keel cooler or heat exchanger options provide application flexibility

High Torque and Low Rated RPM

- Enables the engine to turn larger propellers at lower speed for best efficiency
- Excellent vessel control and maneuvering
- Lower rated rpm limits vibration and noise for better crew comfort

Replaceable wet-type cylinder liners

- Hardened and precision machined for long life

Corrosion Resistant Components

- Provides engine protection from the effects of seawater

Fuel System

- Electronically controlled rotary fuel injection pump with variable timing resulting in excellent fuel economy and excellent performance
- Self diagnostics and protection
- Electronic instrument panel with plain text messaging