

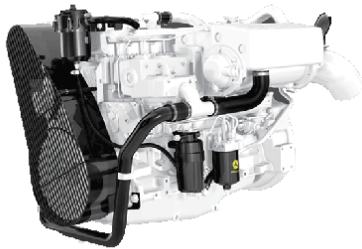
# PowerTech™

## 6068SFM75 Diesel Engine

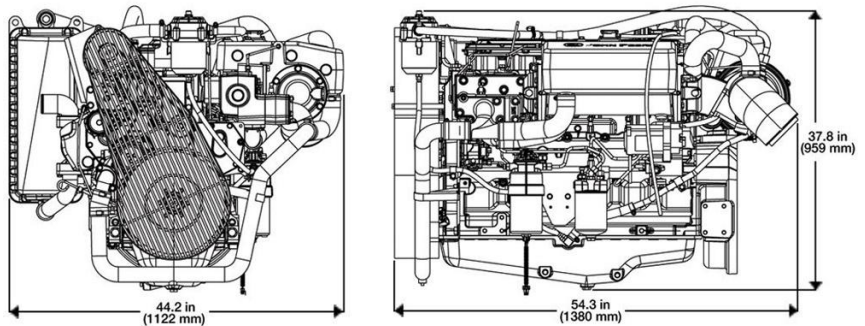
Marine Propulsion Engine Specifications



### Dimensions



6068SFM75 shown



### Emissions

EU Stage II

IMO MARPOL Annex VI

EPA Commercial Marine (40 CFG Part 94)

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

### General Data (Based on Standard Option Configuration)

Model	6068SFM75	Length maximum - mm (in)	1380 (54.3)
Number of cylinders	6	Height - mm (in)	959 (37.7)
Displacement - L (cu in)	6.8 (415)	Height, crankshaft centerline to top - mm (in)	661 (26.0)
Bore and Stroke-- mm (in)	106 x 127 (4.17 x 5.00)	Height, crankshaft centerline to bottom - mm (in)	298 (11.7)
Engine Type	In-line, 4- Cycle	Weight, dry - kg (lb)	890 (1962)
Aspiration	Air-to-sea water		

### Classification Societies

ABS, BV, CCS, CRS, DNV-GL, LR

\*SOLAS and other accessories available. Contact your distributors for details.

### Engine Specifications

Performance ratings	Power kW (bhp)	Rated Speed (rpm)	Rated fuel consumption L/hr (gal/hr)
M1	186 (249)	2400	47.1 (12.4)
M2	209 (280)	2500	52.4 (13.8)
M3	239 (321)	2600	60.1 (15.9)
M4	265 (355)	2700	66.9 (17.7)
M5	298 (400)	2800	77.4 (20.4)

Metric hp = Brake hp x 1.01387

M rating	M1	M2	M3	M4	M5
Typical load factor	> 65%	< =65%	< =50%	< =40%	< =35%
Typical annual usage (hr)	Unrestricted	3,000-5,000 hr	2,000-4,000 hr	1,000-3,000 hr	300-1,000 hr
Typical full-power operation (hr)	Uninterrupted	16 of each 24 hr	4 of each 12 hr	1 of each 12 hr	0.5 of each 8 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

### Replaceable Wet-type Cylinder Liners

- Excellent heat dissipation
- Hardened and precision machined for long life
- Rebuild to original specifications

### Corrosion Resistant Components

- Provides engine protection from the effects of seawater

### Heat Exchanger

- High-capacity heat exchanger designed for reliable operation in adverse conditions

### High Torque and Low Rated RPM

- Excellent vessel control and maneuvering
- Lower rated rpm limits vibration and noise for better crew comfort

### Fuel System

- Electronically controlled high pressure common rail resulting in excellent fuel economy and excellent performance
- Self diagnostics and protection