



JOHN DEERE

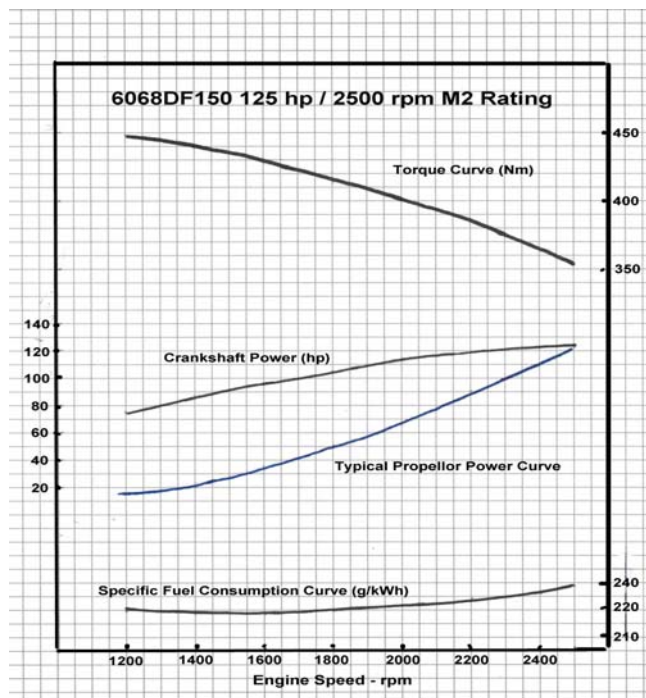
MARINE POWER

6068D MARINE ENGINE SPECIFICATION



ENGINE PERFORMANCE

Rated RPM	1200	1400	1600	1800	2000	2200	2400	2500
M2 Hp @ rated rpm	75	87	96	105	113	119	123	125
Approx Prop hp	15	20	35	50	70	90	115	125
Prop hp fuel burn (l/hr)	2.9	3.8	6.7	9.7	13.7	18.0	23.5	25.9
Engine Torque (Nm)	448	440	428	416	402	386	365	355



M2 Rating Definition

For propulsion applications that may utilise full power up to 16 out of every 24 hours of operation. These applications typically operate at full power up to 65% of the time and accumulate as many as 3000 hours per year.

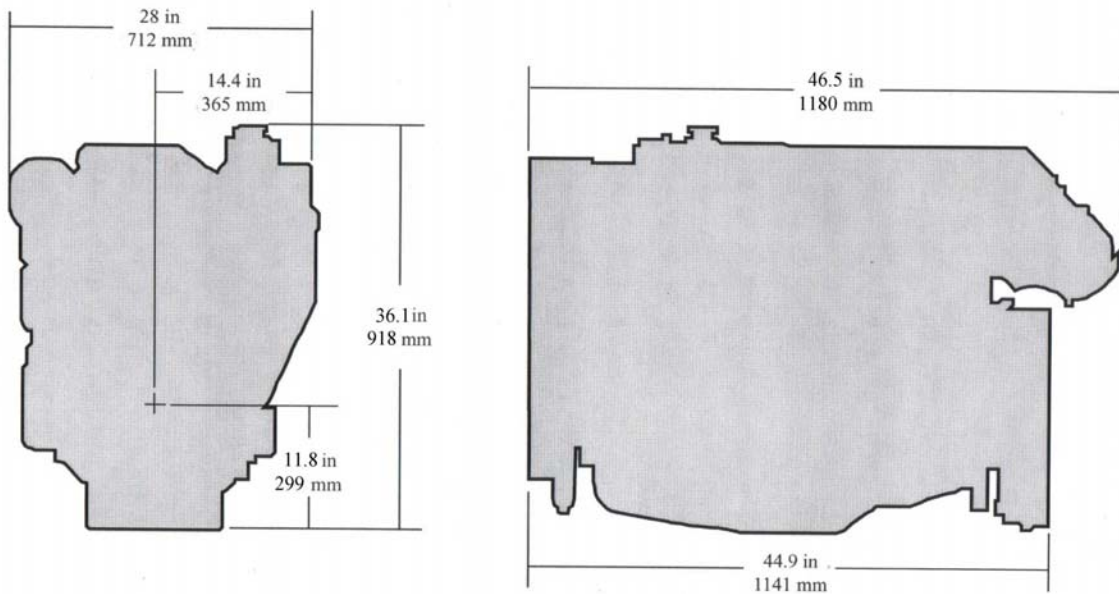
Data based on the 606DF150 industrial engine, marinised with 6068TFM50 components.
 All data is approximate only. Illustrations may show non standard accessories.
 Specification and design subject to change without notice.

May 2008

GENERAL INFORMATION

Model	6068DF150	Length	1180mm
No. of Cylinders	6	Width	712mm
Displacement	6.8 Litre	Height	918mm
Bore & Stroke	106mm x 127mm	Wet weight	640kg
Aspiration	Naturally Aspirated	Max installed Angle	
Compression Ratio	17.6:1	Front Up	15°
Fuel System	Mechanical (non ECU)	Front Down	0°

ENGINE DIMENSIONS



FEATURES AND BENEFITS

Watercooled exhaust manifold

- Cooler and quieter environment for vessel and crew
- Reduced external connections eliminating leak paths

Replace wet-type cylinder liners

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

Corrosion resistant components

- Provides engine protection from the effects of seawater

Either side service

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

Heat exchanger cooled or keel cooled

- High-capacity heat exchanger designed for reliable operation in adverse conditions
- Integrated expansion tank, heat exchanger and exhaust manifold reduces chances of leaks
- Keel cooler option provides 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 manoeuvring
- Lower rated rpm limits vibration and noise for better crew comfort

Fuel system

- Proven and reliable mechanical fuel system

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