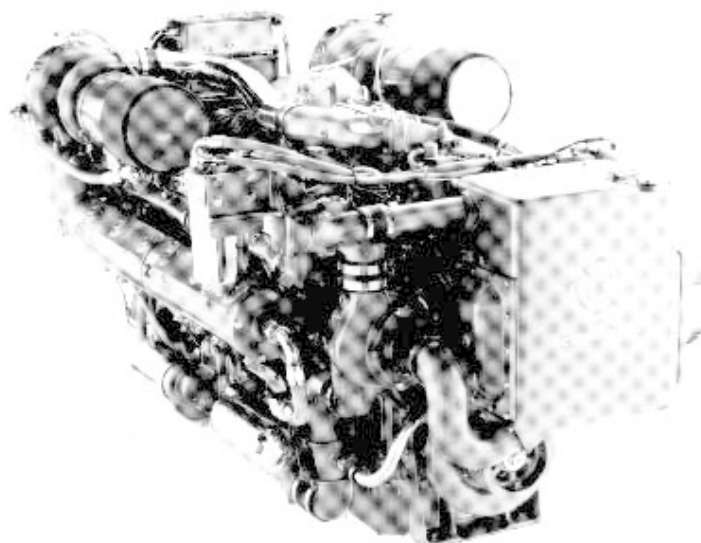


# DETROIT DIESEL Series 92

**Marine Model 12V-92TA DDEC 1110 BHP**  
**Pleasure Craft**



## General Specifications

|                     |                                                |
|---------------------|------------------------------------------------|
| Basic Engine        | 12V-92TA                                       |
| Model               | 8122-7B00                                      |
| Description         | Turbocharged-Aftercooled<br>with Bypass Blower |
| Control             | DDEC                                           |
| Number of Cylinders | 12                                             |
| Bore and Stroke     | 4.84 in x 5.00 in (123 mm x 127 mm)            |
| Displacement        | 1104 cu in (18.1 liters)                       |
| Compression Ratio   | 15.0 to 1                                      |
| Weight (dry)        | 5891 lbs (2673 kg)                             |

## Rated Power Output—Maximum

|             |                              |
|-------------|------------------------------|
| Gross Power | 1110 BHP (828 kW) @ 2300 RPM |
| Net Power   | 1075 SHP (802 kW) @ 2300 RPM |

## Equipment Specifications

|                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------|
| Air Inlet Housing—With manual shutdown                                                                                   |
| Air Silencer—Two                                                                                                         |
| Aftercooler—Two-pass with precooled coolant supply                                                                       |
| Alternator—24 volt, 65 amp, flange mounted                                                                               |
| Cooling System—Low profile heat exchanger with cast iron tank and raw water pump                                         |
| Crankshaft Pulley—5 Grooves, .50 inch wide                                                                               |
| DDEC—Detroit Diesel Electronic Control                                                                                   |
| Engine Mounts                                                                                                            |
| Exhaust System—Fresh water-cooled manifolds and twin turbine housings                                                    |
| Flywheel Housing—SAE #1                                                                                                  |
| Fuel System—Cam operated electronic unit injectors with low pressure USCG type A external hoses, fuel filters and cooler |
| Lube Oil Filter—Full flow, spin on                                                                                       |
| Marine Gear—Detroit Diesel-232EV (1.29, 1.50, 1.76, 1.96 reduction ratios)                                               |
| Oil Pan—Cast iron, designed for 15° inclination angle, rear sump                                                         |
| Starting Motor—24 volt                                                                                                   |
| Vibration Damper—Viscous torsional damper                                                                                |

Rating conditions: ISO 3046, SAE J1349, SAE J1228  
77°F (25°C) and 29.31 in. Hg. (99kPa) Barometer (Dry)

For a complete listing of standard and optional equipment,  
consult your authorized Detroit Diesel Corporation representative.

Photograph illustrates a typical marine engine

