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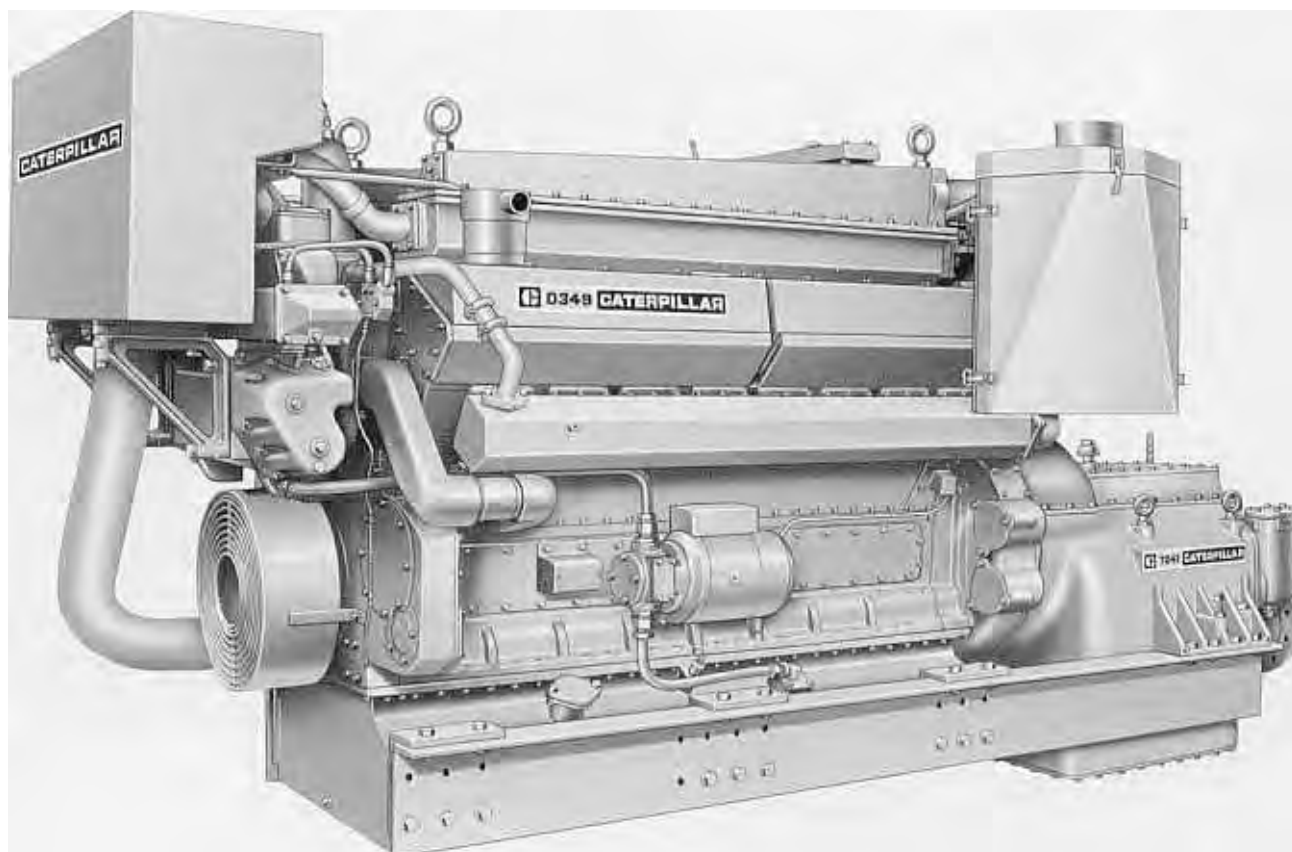
**SHOP NOW**



# CATERPILLAR

## D349

MARINE  
ENGINE



### RATINGS (w/o fan)

(85°F Water to Aftercooler)

|                    |                     |
|--------------------|---------------------|
| Maximum .....      | 1470 BHP @ 2000 RPM |
| Intermittent ..... | 1220 BHP @ 2000 RPM |
| Continuous .....   | 970 BHP @ 1800 RPM  |

### DESCRIPTION

|                                                    |                                    |      |
|----------------------------------------------------|------------------------------------|------|
| Four stroke cycle, turbocharged-aftercooled diesel |                                    |      |
| Number of cylinders .....                          | V-16                               |      |
| Bore and stroke: inches.....                       | 5.4 x 6.5                          |      |
| millimeters.....                                   | 137 x 165                          |      |
| Displacement: cu. in. ....                         | 2382                               |      |
| liters .....                                       | 39,0                               |      |
| Compression ratio .....                            | 16.5:1                             |      |
| Normal working range.....                          | 1500-2000 RPM                      |      |
| Low idle speed .....                               | 550 RPM                            |      |
| Rotation .....                                     | Counterclockwise<br>(SAE Standard) |      |
| Approximate dry weight                             | Lb.                                | Kg.  |
| Engine .....                                       | 10,800                             | 4899 |
| Marine gear .....                                  | 4,000                              | 1814 |
| Total .....                                        | 14,800                             | 6713 |

## RATINGS:

**MAXIMUM** is the horsepower and speed capability that can be demonstrated within 5% at the factory.

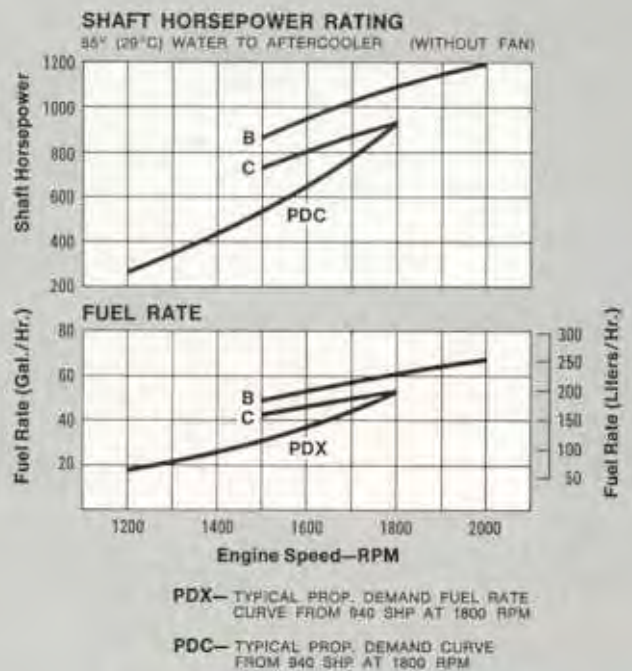
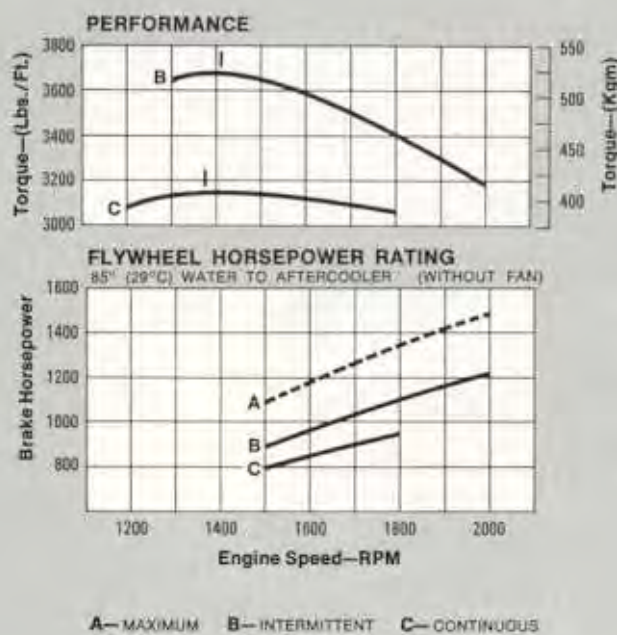
**INTERMITTENT** is the horsepower and speed capability in applications having variable speed and/or load requirements.

**CONTINUOUS** is the horsepower and speed capability that can be utilized without interruption or load cycling.

## STANDARDS:

All ratings are at SAE Standard conditions of 29.38 in. (746 mm) Hg and 85°F (30°C).

**OTHER RATINGS**—Published intermittent and continuous ratings are a general guide for world-wide use over a broad application range. Other ratings, yielding higher performance and economic return, are available to meet the requirements of particular application.



Fuel consumption applies to standard marine engine W/O fan, based on fuel oil having a gross heat value of 19,500 BTU per pound (10,830 Kcal/Kg) and weighing 7.12 pounds per U.S. gallon (855 gm/ltr).



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