

# Marine Pleasure N67

**N67 280**  
206 kW

Rating type A1: 206 kW (280 HP) @ 2800 rpm

Rating type A2: - kW (- HP) @ - rpm

Rating type B: 191 kW (260 HP) @ 2800 rpm

Rating type C: 169 kW (230 HP) @ 2800 rpm

## SPECIFICATIONS

|                                                |                       |
|------------------------------------------------|-----------------------|
| Thermodynamic cycle                            | Diesel 4 stroke       |
| Air handling                                   | TCA                   |
| Cylinders arrangement                          | 6L                    |
| Bore x Stroke                                  | millimeters 104 x 132 |
| Total displacement                             | liters 6.7            |
| Valves per cylinder                            | number 2              |
| Cooling System                                 | liquid                |
| Direction of Rotation (viewed facing flywheel) | CCW                   |
| Engine management                              | mechanical            |
| Injection System                               | MPI                   |

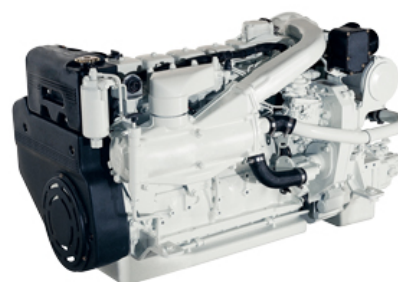
## STANDARD CONFIGURATION

|                                                |                                                            |                           |
|------------------------------------------------|------------------------------------------------------------|---------------------------|
| Flywheel housing                               | type                                                       | SAE 3                     |
| Flywheel size                                  | inch                                                       | 11" ½                     |
| Air filter                                     |                                                            | rear side                 |
| Turbocharger                                   | Fixed Geometry (water cooled) Turbo with Aftercooler (TCA) |                           |
| Heat exchanger                                 |                                                            | tube type                 |
| Exhaust gas water mixer - Exhaust cooled elbow |                                                            | -                         |
| Water charge tank                              |                                                            | included                  |
| Fuel filter                                    | number                                                     | 1 - left side             |
| Fuel prefilter                                 |                                                            | included (loose)          |
| Fuel pump                                      |                                                            | included                  |
| Oil filter                                     | number                                                     | 1 - right side            |
| Oil sump                                       |                                                            | aluminium                 |
| Oil vapours blowby circuit                     |                                                            | rear                      |
| Oil heat exchanger                             |                                                            | built in the crankcase    |
| Oil filler                                     |                                                            | on timing cover frontward |
| Starter                                        |                                                            | 12V - 3kW                 |
| Alternator                                     |                                                            | 12 V - 90 A               |
| Engine stop device                             |                                                            | electrical excitation     |
| Wiring harness                                 |                                                            | engine wiring             |
| Painting color                                 |                                                            | white "ICE"               |

## WEIGHT AND DIMENSIONS

|            |            |                  |
|------------|------------|------------------|
| Dimensions | LxWxH (mm) | 1072 x 749 x 800 |
| Dry Weight | Kg         | 605              |

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

## ELECTRICAL SYSTEM

|         |   |    |
|---------|---|----|
| Voltage | V | 12 |
|---------|---|----|

## NOT INCLUDED IN STANDARD CONFIGURATION

|                                                      |    |        |
|------------------------------------------------------|----|--------|
| Battery - minimum capacity recommended               | Ah | 120 Ah |
| Battery - minimum cold cranking capacity recommended | Ah | 900 Ah |

## LEGEND

| Arrangement               | Air Handling                        | Turbocharger                         | Injection System               | Exhaust System                      |
|---------------------------|-------------------------------------|--------------------------------------|--------------------------------|-------------------------------------|
| L (in line)               | TCA (Turbocharged with aftercooler) | WG (Wastegate)                       | M (Mechanical)                 | EGR (Exhaust Gas Recirculation)     |
| V (90° "V" configuration) | TC (Turbocharged)                   | VGT (Variable Geometry Turbocharger) | ECR (Electronic Common Rail)   | SCR (Selective Catalytic Reduction) |
|                           | NA (Naturally Aspirated)            | TST (Twin Stage Turbocharger)        | EUI (Electronic Unit Injector) |                                     |
|                           |                                     |                                      | MPI (Multi Point Injection)    |                                     |

- A1** High Performance Crafts. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 300 hours per year.
- A2** Pleasure Commercial Vessels. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1000 hours per year.
- B** Light Duty: Full throttle operation restricted within 10% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 1500 hours per year.
- C** Medium Duty: Full throttle operation < 25% of use period. Cruising speed at engine rpm <90% of rated speed setting - Maximum usage 3000 hours per year.
- D** Heavy Duty

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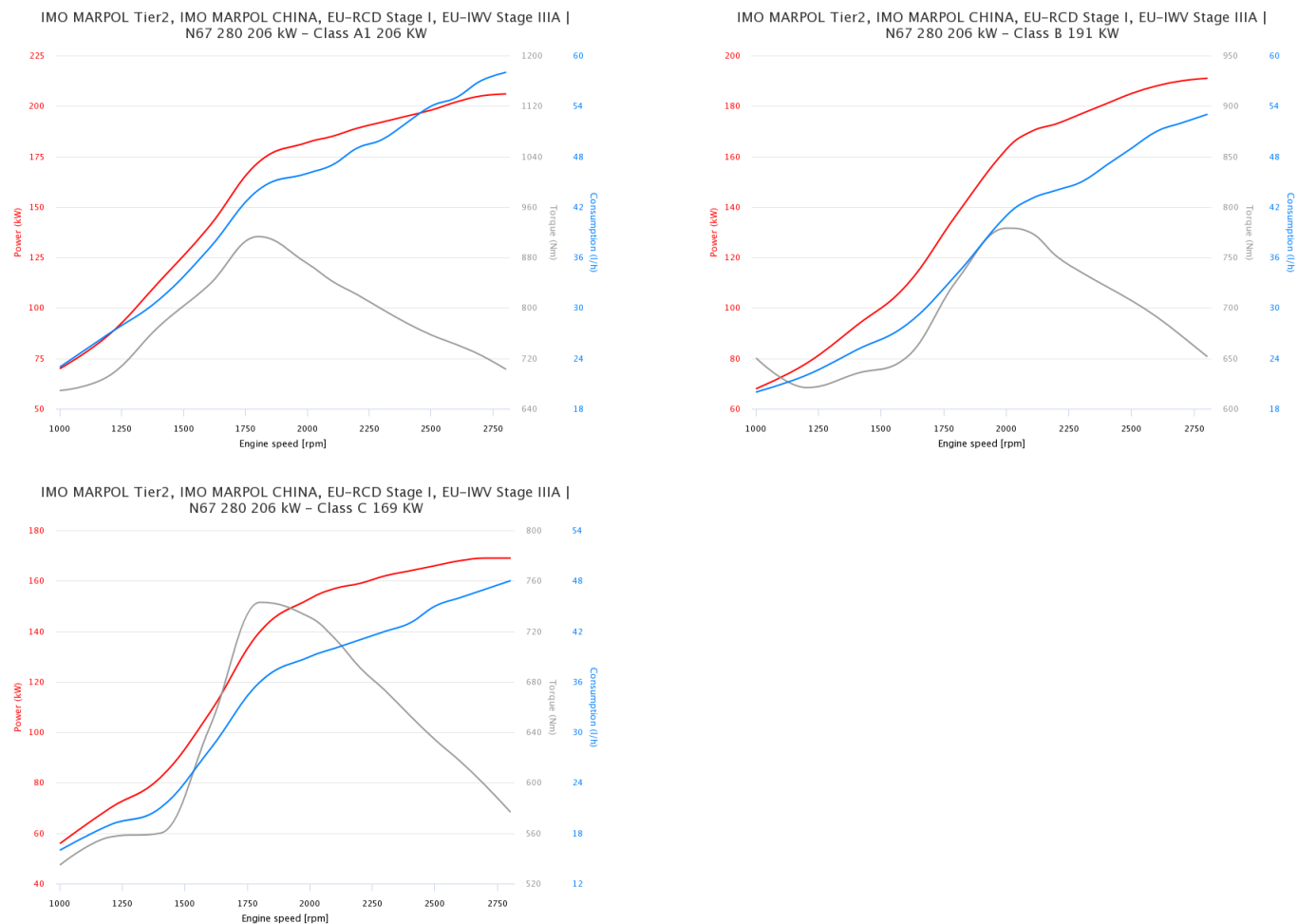
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



| RATING TYPE                                             |             | A1         | A2    | B          | C          |
|---------------------------------------------------------|-------------|------------|-------|------------|------------|
| Maximum power [*]                                       | kW (HP)     | 206 (280)  | - (-) | 191 (260)  | 169 (230)  |
| At speed                                                | rpm         | 2800       | -     | 2800       | 2800       |
| Maximum no load governed speed at max rating            | rpm         | 3150       | -     | 3150       | 3150       |
| Minimum idling speed                                    | rpm         | 650        | -     | 650        | 650        |
| Mean piston speed at rated speed                        | m/s         | 12.3       | -     | 12.3       | 3150       |
| BMEP at max power                                       | bar         | 18.2       | -     | 15.2       | 11.2       |
| Specific fuel consumption at full load (best value)     | g/kWh @ rpm | 214 @ 2000 | -     | 214 @ 2000 | 214 @ 2000 |
| Oil consumption at max rating                           | g/kWh @ rpm |            | = 0.2 |            |            |
| Minimum starting temperature without auxiliaries        | °C          |            | -15°  |            |            |
| Oil and oil filter maintenance interval for replacement | hours       |            | 600   |            |            |

\* Net Power at flywheel according to ISO 3046/1, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

## POWER & TORQUE



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