

Marine

Commercial

N67

Rating type B: 99.5 kW (135 HP) @ 2800 rpm

Rating type C: 92 kW (125 HP) @ 2800 rpm

Rating type D: 92 kW (125 HP) @ 2800 rpm

SPECIFICATIONS

| | | |
|--|-------------|-----------------|
| Thermodynamic cycle | | Diesel 4 stroke |
| Air handling | | NA |
| 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 |

WEIGHT AND DIMENSIONS

| | | |
|------------|------------|------------------|
| Dimensions | LxWxH (mm) | 1052 x 705 x 910 |
| Dry Weight | Kg | 530 |

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

STANDARD CONFIGURATION

| | | |
|--|--------|------------------------------------|
| Flywheel housing | type | SAE 3 |
| Flywheel size | inch | 11" ½ |
| Air filter | | left side |
| Turbocharger | | Naturally Aspirated (NA) |
| Heat exchanger | | tube type |
| Exhaust gas water mixer - Exhaust cooled elbow | | - |
| Water charge tank | | included |
| Fuel filter | number | 1 |
| Fuel prefilter | | included (loose) |
| Fuel pump | | included |
| Oil filter | number | 1 |
| Oil sump | | sheet steel |
| Oil vapours blow-by circuit | | on valve cover |
| Oil heat exchanger | | built in the crankcase |
| Oil filler | | by cylinder head cover |
| Starter | | 12V - 3kW |
| Alternator | | 12 V - 90 A with W contact |
| Engine stop device | | electrical excitation |
| Wiring harness | | with negative to ground connection |
| Painting color | | white "ICE" |



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

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

NOT INCLUDED IN STANDARD CONFIGURATION

| | | |
|--|----|--------|
| Battery - minimum capacity recommended | Ah | 180 Ah |
| Battery - minimum cold cranking capacity recommended | Ah | 800 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

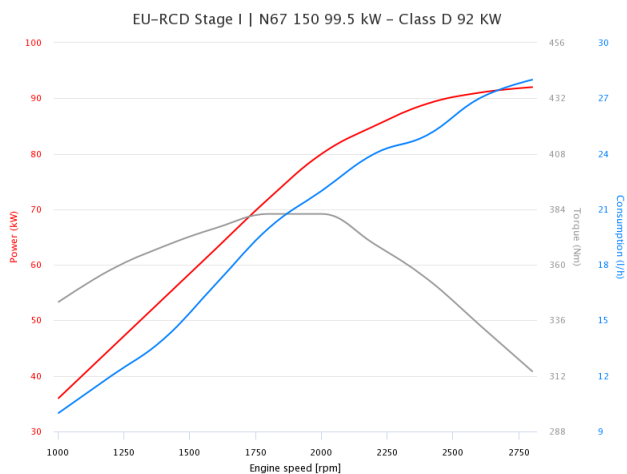
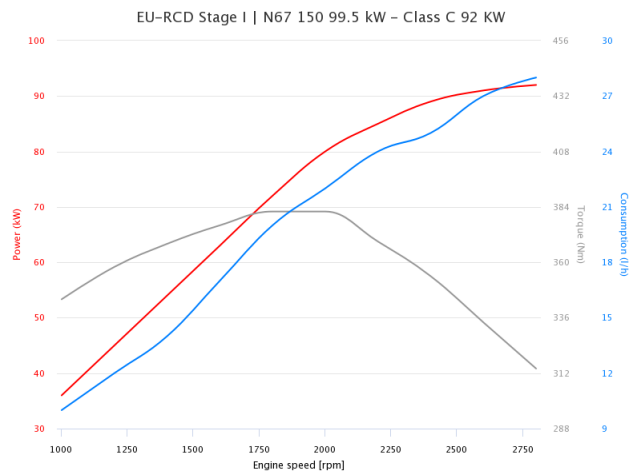
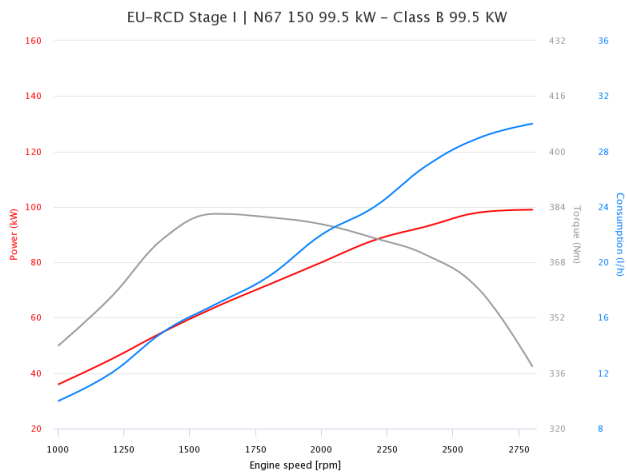


RATING TYPE

| | | B | C | D |
|---|-------------------|------------|------------|------------|
| Maximum power [*] | kW (HP) | 99.5 (135) | 92 (125) | 92 (125) |
| At speed | rpm | 2800 | 2800 | 2800 |
| Maximum no load governed speed at max rating | rpm | 3100 | 3100 | 3100 |
| Minimum idling speed | rpm | 650 | 650 | 650 |
| Mean piston speed at rated speed | m/s | 12.3 | 12.3 | 12.3 |
| BMEP at max power | bar | 7.3 | 7.3 | 7.3 |
| Specific fuel consumption at full load (best value) | g/kWh @ rpm | 230 @ 1800 | 230 @ 1800 | 230 @ 1800 |
| Oil consumption at max rating | (% of fuel cons.) | | = 0.1 | |
| Minimum starting temperature without auxiliaries | °C | | -10° | |
| 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



LEGEND

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