MARINE Commercial N67

Rating type B: Rating type C: Rating type D: 191 kW (260 HP) @ 2800 rpm 169 kW (230 HP) @ 2800 rpm 132 kW (180 HP) @ 2500 rpm

N67 280

191 kW

SPECIFICATIONS

STANDARD CONFIGURATION

Exhaust gas water mixer - Exhaust cooled elbow

type

inch

number

number

Flywheel housing

Flywheel size

Turbocharger

Fuel filter

Fuel prefilter

Fuel pump

Oil filter

Oil sump

Oil filler

Starter

Alternato

Heat excharger

Water charge tank

Oil vapours blow-by circuit

Oil heat exchanger

Engine stop device

Wiring harness

Painting color

Air filter

| Thermodynamic cycle | | Diesel 4 stroke |
|--|-------------|-----------------|
| Air Feeding | | 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 |

WEIGHT AND DIMENSIONS

| Dimensions (L x W x H) | mm | 1072 x 749 x 800 |
|------------------------|----|------------------|
| Dry Weight | Kg | 605 |

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



COMMERCIA

12

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

| V | |
|---|--|
| | |

NOT INCLUDED IN STANDARD CONFIGURATION

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

Do you want to know more?

Fixed Geometry (water cooled) Turbo with Aftercooler (TCA)

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

SAE 3

11" ½

rear side

tube type

included

included

1 - right side

aluminium

12V - 3kW

12 V - 90 A

white "ICE"

rear

1 - left side

included (loose)

built in the crankcase

by cylinder head cover

electrical excitation

with negative to ground connection

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/B1 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

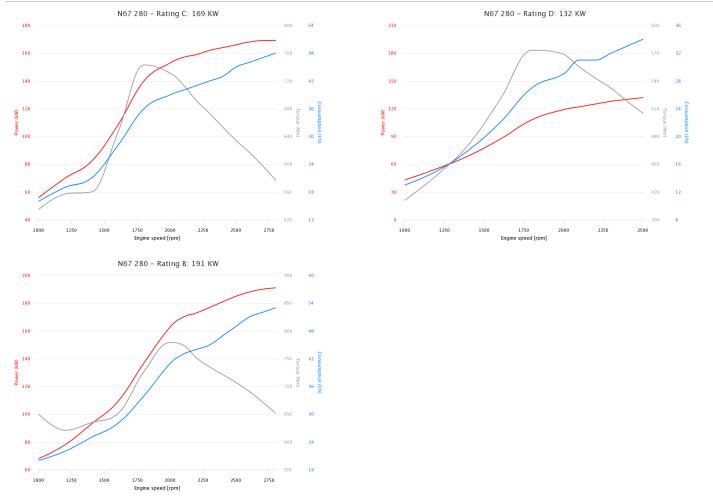




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| RATING TYPE | | В | С | D |
|---|---|-------------------------------|--------------|--------------|
| Maximum power [*] | kW (HP) | 191 (260) | 169 (230) | 132 (180) |
| At speed | rpm | 2800 | 2800 | 2500 |
| Maximum no load governed speed at max rating | rpm | 3150 | 3150 | 3150 |
| Minimum idling speed | rpm | 650 | 650 | 650 |
| Mean piston speed at rated speed | m/s | 12.3 | 12.3 | 11 |
| BMEP at max power | bar | 15.2 | 11.2 | 11.3 |
| Specific fuel consumption (best value) | g/kWh @ rpm | 214 @ 2000 | 214 @ 2000 | 214 @ 2000 |
| IMO Marpol Tier 2 (IMO Annex VI Technical Code 2008) | | \checkmark | \checkmark | \checkmark |
| RCD Stage 2 (2013/53/EC) | | - | - | - |
| IWV Stage V (EU 2016/1628) | | - | - | - |
| EPA Tier 3 Commercial | | - | - | - |
| EPA Tier 3 Recreational | | - | - | - |
| China GB I (GB15097-2016) | | - | - | - |
| China GB II (GB15097-2016) | | - | - | - |
| Oil consumption at max rating | (% of fuel cons.) | = 0.2 | = 0.2 | = 0.2 |
| Minimum starting temperature without auxiliaries | °C | -15° | -15° | -15° |
| Oil and oil filter maintenance interval for replacement * Net Power at flywheel according to ISO 8665, after 50 ho | hours ours running, Fuel Diesel EN 590 | 600 9. Power tolerance 5%. | 600 | 600 |

POWER & TORQUE



| Arrangement | Air Handling | Turbocharger |
|---------------------------|-------------------------------------|-------------------|
| L (in line) | TC (Turbocharged) | WG (Wastegate) |
| V (90° "V" configuration) | NA (Naturally Aspirated) | VGT (Variable Geo |
| | TCA (Turbocharged with aftercooler) | TST (Twin Stage 1 |

 Turbocharger
 Injection System

 WG (Wastegate)
 M (Mechanical)

 /GT (Variable Geometry Turbocharger)
 CR (Common Rail

 FST (Twin Stage Turbocharge)
 EUI (Electronic Un

CR (Common Rail) EUI (Electronic Unit Injector) MPI (Multi Point Injection)

Exhaust System

EGR (Exhaust Gas Recirculation) SCR (Selective Catalytic Reduction) COMMERCIAI

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LEGEND

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