

Marine Commercial CURSOR 9

C90 380

301 kW

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

Rating type C: 301 kW (410 HP) @ 2000 rpm

Rating type D: 280 kW (380 HP) @ 2000 rpm

SPECIFICATIONS

| | | |
|--|------------------------------------|-----------|
| Thermodynamic cycle | Diesel 4 stroke | |
| Air handling | TCA | |
| Cylinders arrangement | 6L | |
| Bore x Stroke | millimeters | 117 x 135 |
| Total displacement | liters | 8.7 |
| Valves per cylinder | number | 4 |
| Cooling System | liquid | |
| Direction of Rotation (viewed facing flywheel) | CCW | |
| Engine management | by EDC (Electronic Diesel Control) | |
| Injection System | ECR | |

STANDARD CONFIGURATION

| | | |
|--|--|----------------|
| Flywheel housing | type | SAE 1 |
| Flywheel size | inch | 14" |
| Air filter | rear side | |
| Turbocharger | Waste Gate (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 - right side |
| Fuel prefilter | included (loose) | |
| Fuel pump | 1 - gear driven | |
| Oil filter | number | 2 - left side |
| Oil sump | aluminium | |
| Oil vapours blow-by circuit | included | |
| Oil heat exchanger | included | |
| Oil filler | by cylinder head cover | |
| Starter | 24V - 5.5kW | |
| Alternator | 28 V - 90 A | |
| Engine stop device | by electronic central unit | |
| Wiring harness | with negative to ground connection | |
| Painting color | white "ICE" | |

WEIGHT AND DIMENSIONS

| | | |
|------------|------------|------------------|
| Dimensions | LxWxH (mm) | 1288 x 868 x 961 |
| Dry Weight | Kg | 940 |

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



MARINE

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

| | | |
|---------|---|----|
| Voltage | V | 24 |
|---------|---|----|

NOT INCLUDED IN STANDARD CONFIGURATION

| | | |
|--|----|------------|
| Battery - minimum capacity recommended | Ah | 2 x 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) | VG (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

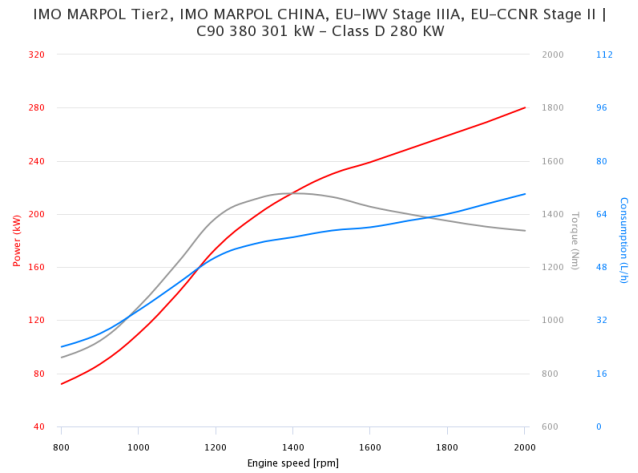
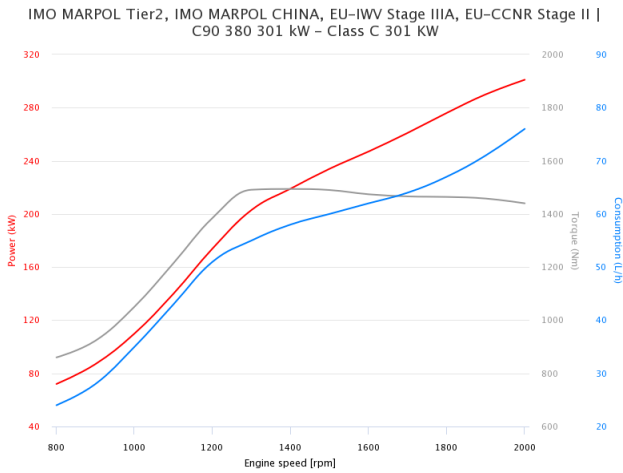


RATING TYPE

| | | B | C | D |
|---|-------------------|-------|-----------|-----------|
| Maximum power [*] | kW (HP) | - (-) | 301 (410) | 280 (380) |
| At speed | rpm | - | 2000 | 2000 |
| Maximum no load governed speed at max rating | rpm | - | 2200 | 2200 |
| Minimum idling speed | rpm | - | 600 | 600 |
| Mean piston speed at rated speed | m/s | - | 9 | 9 |
| BMEP at max power | bar | - | 21.2 | 19.6 |
| Specific fuel consumption at full load (best value) | g/kWh @ rpm | - | 214,9 | 210,3 |
| Oil consumption at max rating | (% of fuel cons.) | - | = 0.2 | |
| Minimum starting temperature without auxiliaries | °C | - | -10° | |
| Oil and oil filter maintenance interval for replacement | hours | - | 500 | |

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

POWER & TORQUE



MARINE

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