

SPECIFICATIONS

| | | |
|--|------------------------|-----------|
| Thermodynamic cycle | Diesel 4 stroke | |
| Air Feeding | 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 (Counterclockwise) | |
| Engine management | Electronic | |
| Injection System | CR | |

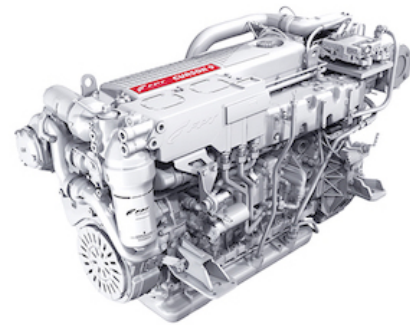
STANDARD CONFIGURATION

| | | |
|--|--|---------------|
| 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 | 24 V - 5.5 kW | |
| 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 (L x W x H) | mm | 1288 x 863 x 962 |
| Dry Weight | Kg | 950 |

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

ELECTRICAL SYSTEM

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

LEGEND

| Arrangement | Air Handling | Turbocharger | Injection System | Exhaust System |
|---------------------------|-------------------------------------|-------------------------------------|--------------------------------|-------------------------------------|
| L (in line) | TC (Turbocharged) | WG (Wastegate) | M (Mechanical) | EGR (Exhaust Gas Recirculation) |
| V (90° "V" configuration) | NA (Naturally Aspirated) | VG (Variable Geometry Turbocharger) | CR (Common Rail) | SCR (Selective Catalytic Reduction) |
| | TCA (Turbocharged with aftercooler) | TST (Twin Stage Turbocharge) | 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/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



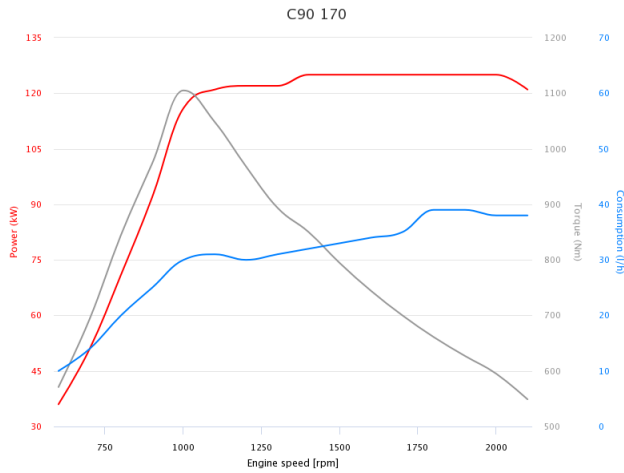
RATING TYPE

D

| | | |
|---|-------------------|-----------|
| Maximum power [*] | kW (HP) | 125 (170) |
| At speed | rpm | 2000 |
| Maximum no load governed speed at max rating | rpm | 2200 |
| Minimum idling speed | rpm | 600 |
| Mean piston speed at rated speed | m/s | 8.8 |
| BMEP at max power | bar | 11.3 |
| Specific fuel consumption (best value) | g/kWh @ rpm | 207@1200 |
| IMO Marpol Tier 2 (IMO Annex VI Technical Code 2008) | | - |
| RCD Stage 2 (2013/53/EC) | | - |
| IWW 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.) | 0.25 |
| Minimum starting temperature without auxiliaries | °C | -10° |
| Oil and oil filter maintenance interval for replacement | hours | 600 |

* Net Power at flywheel according to ISO 8665, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

POWER & TORQUE



COMMERCIAL

LEGEND

Arrangement

- L (in line)
- V (90° "V" configuration)

Air Handling

- TC (Turbocharged)
- NA (Naturally Aspirated)
- TCA (Turbocharged with aftercooler)

Turbocharger

- WG (Wastegate)
- VGT (Variable Geometry Turbocharger)
- TST (Twin Stage Turbocharge)

Injection System

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

Exhaust System

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

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