

SPECIFICATIONS

| | |
|--|----------------------|
| Thermodynamic cycle | Diesel 4 stroke |
| Air Handling | TC |
| Bore x Stroke | millimeters 99 x 104 |
| Total displacement | liters 3.2 |
| Valves per cylinder | number 2 |
| Cooling System | liquid |
| Direction of Rotation (viewed facing flywheel) | CCW |
| Compression ratio | 17:1 |
| Injection System | M |

| | |
|-----|---|
| EGR | - |
|-----|---|

PERFORMANCES

| | | |
|---|----------------|----------------|
| Rated power [*] | kW (HP) @ rpm | 55 (75) @ 2500 |
| Peak torque | Nm (kgm) @ rpm | 281 (29) @ - |
| High idle speed | rpm | 2700 |
| Low idle speed | rpm | ±850 |
| Minimum starting temperature without auxiliaries | °C | -12° |
| Oil and oil filter maintenance interval for replacement | hours | 600 |

STANDARD CONFIGURATION

| | | |
|---|-------------|------------------------------|
| Flywheel housing | type | SAE 3 - cast iron |
| Flywheel size | inch | 10" |
| Intake manifold location | | frontwards |
| Exhaust manifold location | | right side / rear |
| Turbocharger | | Fixed Geometry Turbo |
| Turbocharger location | | front high / right side |
| Fan transmission ratio | | 1.1:1 |
| Distance between fan - crankshaft centers | millimeters | X=0 Y=296 |
| Fuel filter | number | single cartridge - left side |
| Fuel prefilter | | - |
| Fuel Pump | | - |
| Oil filter | number | single cartridge - left side |
| Oil sump | | sheet steel / central sump |

| | |
|-----------------------------|--|
| Oil vapours blow-by circuit | on valve cover |
| Oil heat exchanger | incorporated built in the crankcase |
| Oil filler | on valve cover |
| Alternator | 12 V - 90 A with W contact |
| Hydraulic steering pump | - |
| Wiring harness | sectioning connector on engine wiring for EGR control unit |
| Painting color | grey RAL 7021 |

| | |
|---|-------------|
| Starter | 12 V - 3 kW |
| Maximum torque available from crankshaft pulley | Nm - |
| Engine stop device | - |

WEIGHT AND DIMENSIONS

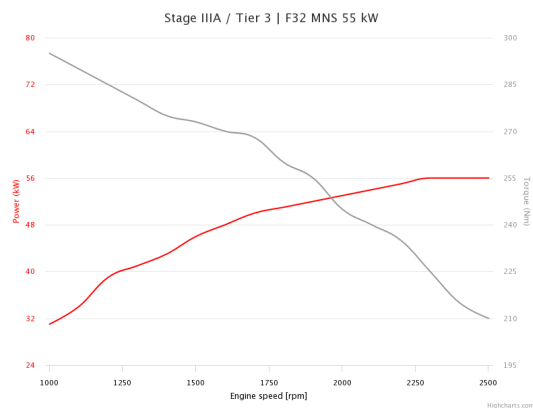
| | | |
|------------|------------|-----------------|
| Dimensions | LxWxH (mm) | 710 x 591 x 778 |
|------------|------------|-----------------|

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS



IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

POWER & TORQUE



NOT INCLUDED IN STANDARD CONFIGURATION

| | |
|--|----------------------------|
| Power Take Off (PTO) | |
| PTO - transmission ratio | 1.08:1 |
| PTO - maximum available torque | DIN 4 / SAE B Max 140 Nm - |
| Battery - minimum capacity recommended | Ah 180 Ah (12 V) |
| Battery - minimum cold cranking capacity recommended | Ah 12 V - 950 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 Turbocharge) | EUI (Electronic Unit Injector) | |
| | | | MPI (Multi Point Injection) | |

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE



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