

PRODUCT SPECIFICATIONS FOR E70-TAG

POWER RATING

Minimum Power	109 kW
Maximum Power	218 kW
Maximum Torque	1145.9 Nm @ 1500 rpm
Rated Speed	1500-1800 rpm

EMISSION STANDARDS

Emissions	EPA Tier 3, IMO II
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GENERAL

Bore	105 mm
Stroke	135 mm
Displacement	7 l
Aspiration	Turbocharged air to water cooled
Rotation from Flywheel End	Anti-clockwise
Number of Cylinders	6 inline
Combustion System	Direct injection
Compression Ratio	16.5:1
Cycle	4 stroke
Total Lubricating Capacity	21 l
Cooling System	Liquid
Total Coolant Capacity	38 L

ENGINE DIMENSIONS*

Height	1260 mm
Wet Weight	1212 kg
Width	956 mm
Length - Flywheel Housing	1928 mm
Dry Weight	1157 kg

DISCLAIMER

Note 1	Final dimensions dependent on selected options
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E70-TAG STANDARD EQUIPMENT

AIR INLET SYSTEM

- Air intake filter with removable element
- CuNi 90 -10 charge air cooler
- Fresh water cooled exhaust manifold
- Water cooled turbo - suitable for gas tight applications

CONTROL SYSTEM

- Full electronic control system
- Engine harness with IP55 Customer connect for engine sensors and SAE J1939 CAN bus
- Cold start aid, ECM controlled to -15^o C (5^o F)

COOLING SYSTEM

- 3 Cooling options - Heat exchanger, Keel or Radiator
- Gear driven fresh and auxiliary water pumps

FLYWHEELS AND FLYWHEEL HOUSING

- SAE 2 flywheel housing
- Twin pocket flywheel housing

FUEL SYSTEM

- Electronic high pressure common rail fuel system
- Base mounted primary and secondary fuel filter with integrated drip tray

GENERAL

- Crankcase ventilation system
- Hydraulic tappets
- Versatile base frame

OIL SYSTEM

- High inclination engine sump
- Integral plate-type engine oil cooler