PRODUCT SPECIFICATIONS FOR 1706D-E93TA

POWER RATING

Maximum Power	310 kW
Maximum Torque	1810 Nm @ 1400 rpm
Rated Speed	2200 rpm
Minimum Power	230 kW

EMISSION STANDARDS

Emissions	China Nonroad Stage III, Brazil MAR-1, UN ECE R96 Stage IIIA

GENERAL

Number of Cylinders	6 inline
Cycle	4 stroke
Bore	115 mm
Stroke	149 mm
Displacement	9.3 l
Compression Ratio	16.5:1
Aspiration	Turbocharged aftercooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Aftertreatment	-
Cooling System	Liquid

ENGINE DIMENSIONS*

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Length	1125 mm
Width	791 mm
Height	1068 mm
Dry Weight	865 kg

DISCLAIMER

Note 1	*Final dimensions dependent on selected options

1706D-E93TA STANDARD EQUIPMENT

AIR SYSTEM

Turbocharged aftercooled

ELECTRICAL AND ELECTRONICS

All connectors and wiring looms waterproof and designed to withstand harsh off-highway environments

Flexible and configurable software features and well-supported SAE J1939 CAN bus enables highly integrated machines

Full electronic control system with all system functions controlled from a single, engine-mounted electronic control module (ECM)

COOLING SYSTEM

Detailed guidance on cooling system design and validation available to ensure machine reliability

Vertical outlet thermostat housing, centifugal water pump

FLYWHEEL AND FLYWHEEL HOUSING

Wide choice of drivetrain interfaces, SAE2 and SAE1 configurations

FUEL SYSTEM

High Pressure Common rail fuel system

OIL SYSTEM

Choice of sumps for different applications

Oil cooler, oil filler, oil filter, oil dipstick, oil pump (gear-driven)

Open crankcase ventilation system with fumes disposal (optional OCV filter system)

POWER TAKE-OFF (PTO)

Engine power can also be taken from the front of the engine on some applications

Available SAE No. 1 flywheel housings with rear power take-off (PTO) drive options for SAE B, SAE C or combination.