N67 MNT

129 kW (175 HP) @ 2200 rpm

Stage IIIA / Tier 3

CONSTRUCTION

SPECIFICATIONS

Thermodynamic cycle		Diesel 4 stroke
Air Handling		TCA
Bore x Stroke	millimeters	104 x 132
Total displacement	liters	6.7
Valves per cylinder	number	2
Cooling System		liquid
Direction of Rotation (viewed facing flywheel)		CCW
Compression ratio		17.5:1
Injection System		M
EGR		-

PERFORMANCES

Rated power [*]	kW (HP) @ rpm		129 (175) @ 2200
Peak torque	Nm (kgm) @ rpm		770 (79) @ -
High idle speed	rpm		2430
Low idle speed	rpm		±800
Minimum starting temperature without auxiliaries		°C	-15°
Oil and oil filter maintenance interval for replacement		hours	600

STANDARD CONFIGURATION

Flywheel housing	type	SAE 3 - cast iron
Flywheel size	inch	11" ½
Intake manifold location		high / left side / vertical upwards
Exhaust manifold location		-
Turbocharger		Fixed Geometry Turbo
Turbocharger location		middle high / right side
Fan transmission ratio		1.4:1
Distance between fan - crankshaft centers	millimeters	X=0 Y=296
Fuel filter	number	single cartridge - left side
Fuel prefilter		optional
Fuel Pump		mechanical rotary pump
Oil filter	number	single cartridge - right side
Oil sump		suspended sheet steel / front sump, 35°angularity limits continuous in all directions
Oil vapours blow-by circuit		on timing cover
Oil heat exchanger		incorporated into the block
Oil filler		on valve cover
Alternator		12 V - 90 A with W contact
Hydraulic steering pump		-
Wiring harness		-
Painting color		grey
Starter		12 V - 3 kW
Maximum torque available from crankshaft pulley	Nm	-
Engine stop device		incorporated in the pump

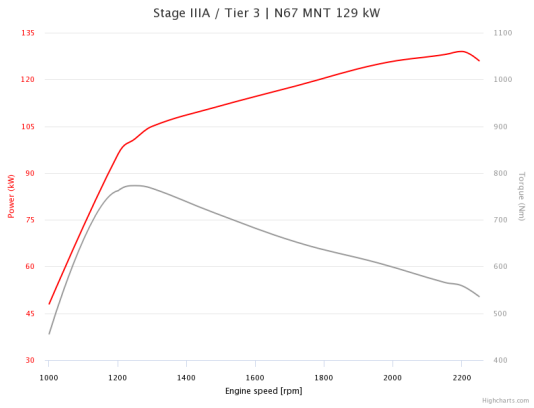
WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	54 x 671 x 1027

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		1.03:1
PTO - maximum available torque		SAE A 100 Nm (9 teeth) - 150 Nm (11 teeth) SAE B 240 Nm (13 teeth) -
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)		EUI (Electronic Unit Injector)	
		TST (Twin Stage Turbocharge)	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

AFTER TREATMENT SYSTEM

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CONSTRUCTION

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