OFFROAD

NEF SERIES

N67 ENT 175KW

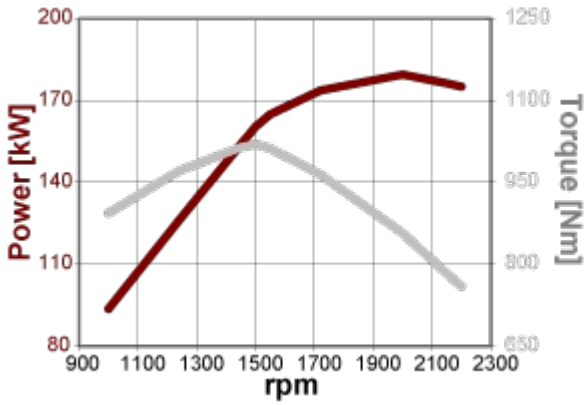
175 KW(238 HP) @ 2200 RPM
1020 NM(104 KGM) @ 1500 RPM
STAGE IIIA / TIER 3

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke
Air Handling	TAA
Arrangement	6L
Bore x Stroke (mm)	104 X 132
Total Displacement (l)	6.7
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Compression ratio	17.5:1
Injection System	ECR

PERFORMANCE

Rated power [*] (kW (HP) @ rpm)	175 (238) @ 2200
Peak torque (Nm (kgm) @ rpm)	1020 (104) @ 1500
High idle speed (rpm)	-
Low idle speed (rpm)	- -
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)	11,5"
Intake manifold location	left side / frontwards
Exhaust manifold location	middle high / right side / frontwards
Turbocharger	fixed geometry
Turbocharger location	middle high / right side
Fan transmission ratio	1.4:1
Distance between fan - crankshaft centers (mm)	X = 0 Y = 296
Fuel filter (n°)	single cartridge - left side
Fuel prefilter	included
Fuel Pump	high pressure pump (H.P.P.)
Oil filter (n°)	single cartridge - right side
Oil sump	suspended sheet steel / front sump, 35°angularity limits continuous in all directions
Oil vapours blow-by circuit	on gear housing / Mann & Hummell valve
Oil heat exchanger	incorporated into the block
Oil filler	on valve cover
Lift pump	-
Starter	24 V - 4 kW
Alternator	24 V - 70 A with W contact
Engine stop device	incorporated in the pump
Wiring harness	-
Painting color	grey

[*] Power at flywheel according to 2004/26 EC (without fan), after 50 hours running, 3% tolerance, fuel Diesel EN 590.
[**] Oil type: ACEA E3 - E5.

WEIGHT AND DIMENSIONS

Dry Weight
(standard configuration) = Kg 520
L = 1054
W= 685
H = 1005
mm

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)	130 Ah (24 V)
Battery - minimum cold cranking capacity recommended [*] (A)	500 A (24 V)

Legend

Arrangement
L (in line)

Air Handling
TAA (Turbocharged with aftercooler)
TC (Turbocharged)
NA (Naturally Aspirated)

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

Injection System
M (Mechanical):
ECR (Electronic Common Rail)
EUI (Electronic Unit Injector)

Emission Standard
EEV (Enhanced Environmentally friendly Vehicle)

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

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