POWER GENERATION

NEF series

N67 AR1M

54 kW @ 1500 rpm
65 kW @ 1800 rpm

RINa

SPECIFICATIONS

Thermodynamic Cycle	N67 AR1M	
Air Handling	NA	
Arrangement	6L	
Bore x Stroke (mm)	104 X 132	
Total Displacement (l)	6.7	
Valves per cylinder (n°)	2	
Injection System	M	
Speed governor	electronic GAC	
Cooling System	liquid (water + 50% Paraflu11)	
Direction of Rotation (viewed facing flywheel)	CCW	
Oil specifications	ACEA E3-E5	
Oil consumption	<0.2% of fuel consumption	
Fuel specifications	EN 590	
Oil and oil filter maintenance interval for replacement [***] (hours)	600	
Specific fuel consumption at:	1500	1800
- 100% load l/h (g/kWh)	14 (214.1)	16.9 (218)
- 80% load l/h (g/kWh)	10.7 (221.2)	12.9 (222.4)
- 50% load l/h (g/kWh)	8.1 (249.2)	9.5 (245.4)
Coolant capacity: engine only (l)	- 24.5	
Lube oil total system capacity including pipes, filters etc. (l)	- 16.5	
Electric system (isolated return)	24	
Starting batteries: recommended capacity (Ah)	2x100	
Discharge Current (EN50342) A	650	
Homologation available	none	
Emission Certification	RINa	

WEIGHT AND DIMENSIONS

Dimensions (LxWxH)	1697 X 789 X 1318
Dry Weight	Kg 640

PERFORMANCE

Ratings [1]	1500 rpm		1800 rpm	
	PRIME	STAND-BY	PRIME	STAND-BY
Rated Power kWm	-	54	-	65

1) Net power at flywheel available after 50 hours running with a ±3% tolerance.

PRIME POWER: The prime power is the maximum power available with varying loads for an unlimited number of hours. The average power output during a 24h period of operation must not exceed 80% of the declared prime power between the prescribed maintenance intervals and at standard environmental conditions. A 10% overload is permissible for 1 hour every 12 hours of operation.

STAND-BY POWER: The stand-by power is the maximum power available for a period of 500 hours/year with a mean load factor of 90% of the declared stand-by power. No kind of overloads is permissible for this use.

CONTINUOS POWER: Contact the FPT sales organization.

Legend

Arrangement	Air Handling	Turbocharger	Injection System	Emission Standard
L (in line) V (90° "V" configuration)	TAA (Turbocharged with aftercooler) TC (Turbocharged) NA (Naturally Aspirated)	WG (Wastegate) VGT (Variable Geometry Turbocharger) TST (Twin Stage Turbocharge)	M (Mechanical) ECR (Electronic Common Rail) EUI (Electronic Unit Injector)	I-EGR (Internal EGR)

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

Publication P4M06N001E - 01.12

STANDARD CONFIGURATION

FPT engine N67 AR1M equipped with:
- Double water circuit with water/water heat exchanger
- Oil drain pump
- Mounted air filter
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Electronic speed governor
- WT, OP, HWT and LOP sensors
- Front engine mounting brackets
- Flywheel housing SAE 3 and flywheel 11” ½
- Re-directable exhaust gas elbow
- Exhaust gas flexible joint
- Recirculed oil breather system
- Oil dipstick
- 24Vdc electrical system - isolated return
- User’s handbook

THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

OPTIONAL EQUIPMENT

On request the engine can be supplied with:
- 230 Volt water jacket heater
- Engine wiring loom and box connections
- Instrument panel
- RINa electric system

FPT INDUSTRIAL OFFERS THE WIDEST AVAILABILITY OF ENGINE BUILD OPTIONS TO CUSTOMER SPECIFIC REQUIREMENTS WITHIN THE ENGINE SUPPLY. TO FIND OUT MORE ABOUT THE CONFIGURATIONS AND ACCESSORIES WHICH ARE AVAILABLE

Publication P4M06N001E - 01.12