Power Generation

G-Drive

N45

N45 SM1X

- kWm @ 1500 rpm

Tier 3

SPECIFICATIONS

Thermodynamic Cycle		Diesel 4 stroke
Arrangement		4L
Air Handling		TC
Bore x Stroke	millimeters	104 x 132
Total Displacement		4.5
Cooling System		liquid (water - paraflu 50%)
Direction of Rotation (viewed facing flywheel)		CCW
Speed governor		Mechanical
Injection System		M
Flywheel housing	type	-
Flywheel size	inch	-
Oil and oil filter maintenance interval for replacement	hours	600
Specific fuel consumption at 1500 Stand-by	l/h (g/kWh)	- (-)
Specific fuel consumption at 1500 100% Prime Power	l/h (g/kWh)	- (-)
Specific fuel consumption at 1500 80% Prime Power		- (-)
Specific fuel consumption at 1500 50% Prime Power	l/h (g/kWh)	- (-)
Specific fuel consumption at 1800 Stand-by	l/h (g/kWh)	- (-)
Specific fuel consumption at 1800 100% Prime Power		15.1 (235.7)
Specific fuel consumption at 1800 80% Prime Power	l/h (g/kWh)	12.7 (240.7)

PERFORMANCES

Rated Stand-by Power at 1500 rpm	kWm	-
Rated Prime Power at 1500 rpm	kWm	-
Rated Continuous at 1500 rpm		-
Rated Stand-by Power at 1800 rpm	kWm	57
Rated Prime Power at 1800 rpm	kWm	52
Rated Continuous at 1800 rpm		-

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1180 x 657 x 1016
Dry Weight	Kg	450

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

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.

CONTINUOUS POWER: Contact the FPT sales organization.

LEGEND

Arrangement
- L (in line)
- V (90° "V" configuration)

Air Handling
- TCA (Turbocharged with aftercooler)
- TC (Turbocharged)
- NA (Naturally Aspirated)

Injection System
- M (Mechanical)
- ECR (Electronic Common Rail)
- EUI (Electronic Unit Injector)
- MPI (Multi Point Injection)

MORE INFORMATION ABOUT CONFIGURATIONS AND ACCESSORIES AVAILABILITY, THROUGH THE WORLDWIDE FPT INDUSTRIAL DISTRIBUTORS NEYWORK

NOT ALL MODELS, STANDARD EQUIPMENT AND ACCESSORIES ARE AVAILABLE IN ALL COUNTRIES. SPECIFICATIONS AND OPTIONS MAY CHANGE WITHOUT NOTICE

OPTIONAL EQUIPMENT

Upon specific request, engines can be supplied with the following accessories: - 24V electric system - Oversize radiator - Oversize pusher fan - Water pre-heater - 12V or 24V electronic governor - Exhaust elbow with flex bellow - Exhaust silencer (loose) - Oil drain pump - Oil drain valve - Tools box

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