Generadores de Energía

Insonorizado

N45

GS NEF100

100 kVA (80 kWe) @ 1500 rpm

Stage II

SPECIFICATIONS

Modelo de motor		NEF45TM2
Cilindros Disposición		4L
Cilindrada total	litros	4,5
Ciclo Termodinámico		Diesel 4 stroke
Sistema de inyección		M
Alimentación del aire		TCA
Consumo específico de combustible con carga máxima @ 1500 Stand-by	g/kWh (l/h)	209,2 (24,4)
Consumo específico de combustible con carga máxima @ 1500	g/kWh (l/h)	207,7 (22)
Consumo específico de combustible con carga máxima @ 1500 80%	g/kWh (l/h)	203,5 (16,2)
Consumo específico de combustible con carga máxima @ 1500 50%	g/kWh (l/h)	206,5 (11)
Consumo específico de combustible con carga máxima @ 1800 Stand-by	g/kWh (l/h)	221,8 (29)
Consumo específico de combustible con carga máxima @ 1800	g/kWh (l/h)	221 (26,3)
Consumo específico de combustible con carga máxima @ 1800 80%	g/kWh (l/h)	220 (19,6)
Consumo específico de combustible con carga máxima @ 1800 50%	g/kWh (l/h)	226 (13,5)
Especificaciones del combustible		EN 590
Capacidad del depósito de combustible	litros	240

WEIGHT AND DIMENSIONS

Dimensiones	LxAn.xAl. (mm)	2800 x 1130 x 1760
Peso en seco	Kg	1553

LAS DIMENSIONES SE PUEDEN CAMBIAR SEGÚN LAS OPCIONES DEL MOTOR

LAS IMÁGENES MOSTRADAS SON PARA FINES DE ILUSTRACIÓN SOLAMENTE

SOUND POWER

Medido a 7m	dB(A)	70,000

PERFORMANCES

Potencia nominal Stand-By @ 1500	kVA (kWe)	110 (88)
Potencia nominal @ 1500	kVA (kWe)	100 (80)
Potencia nominal @ 1800	kVA (kWe)	110 (88)
Rated Continuous at 1500 rpm	kVA (kWe)	- (-)
Potencia nominal Stand-By @ 1800	kVA (kWe)	121 (97)
Rated Continuous at 1800 rpm	kVA (kWe)	- (-)

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)

PARA INFORMACIÓN SOBRE LAS CALIFICACIONES DISPONIBLES NO SE ENCUENTRAN EN ESTE DOCUMENTO, POR FAVOR PONGASE EN CONTACTO CON LA RED DE VENTAS INDUSTRIALES DE FPT O VISITE NUESTRO SITIO WWW.FPTINDUSTRIAL.COM

LAS ESPECIFICACIONES ESTAN SUJETAS A CAMBIOS SIN PREVIO AVISO

OPTIONAL EQUIPMENT

ELECTRICAL SYSTEM	The system which can be 12 V (standard) or 24 V (optional), envisages all the electrical connections between the engine, the generator and the electrical control panel. The electrical panel and the power terminals are located in the rear part of the housing. An aluminium plate allows special cable clips to be inserted. All configurations include an external emergency pushbutton.
ELECTRICAL CONTROL PANEL	- Key start control panel: MRS72 - Automatic control panel: AMF74 - 4P circuit breaker (3P on request)

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	Air Handling	Injection System
L (in line)	TCA (Turbocharged with aftercooler)	M (Mechanical)
V (90° "V" configuration)	TC (Turbocharged)	ECR (Electronic Common Rail)
	NA (Naturally Aspirated)	EUI (Electronic Unit Injector)
		MPI (Multi Point Injection)

PARA INFORMACIÓN SOBRE LAS CALIFICACIONES DISPONIBLES NO SE ENCUENTRAN EN ESTE DOCUMENTO, POR FAVOR PONGASE EN CONTACTO CON LA RED DE VENTAS INDUSTRIALES DE FPT O VISITE NUESTRO SITIO WWW.FPTINDUSTRIAL.COM

LAS ESPECIFICACIONES ESTÁN SUJETAS A CAMBIOS SIN PREVIO AVISO