# Generadores de Energía

## Grupos Electrógenos

## N45

# GE NEF100MA

*100 kVA (80 kWe) @ 1500 rpm*

*Stage II*

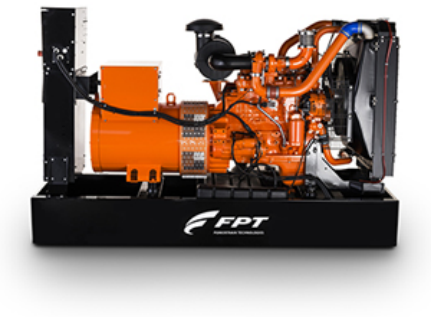
## SPECIFICATIONS

| | | |
|---|---|---|
| Modelo de motor | | N45 TM2A |
| 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 | 180 |

## WEIGHT AND DIMENSIONS

| | | |
|---|---|---|
| Dimensiones | LxAn.xAl. (mm) | 2300 x 730 x 1475 |
| Peso en seco | Kg | 1160 |

LAS DIMENSIONES SE PUEDEN CAMBIAR SEGÚN LAS OPCIONES DEL MOTOR




LAS IMÁGENES MOSTRADAS SON PARA FINES DE ILUSTRACIÓN SOLAMENTE

## PERFORMANCES

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

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ELECTRICAL SYSTEM

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ELECTRICAL CONTROL PANEL

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