

SDMO J44K



GENERAL SET DATA

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|-------------------------|--------------|
| ENGINE REF: | 3029TFS29 |
| ALTERNATOR REF: | KH00500T |
| STANDARD CONTROL PANEL: | APM303 |
| OPTIONAL CONTROL PANEL: | TELYS M80 |

OUTPUT

| | |
|----------------|---------|
| FREQUENCY: | 50 Hz |
| VOLTAGE: | 400/230 |
| PRIME POWER: | 40 kVA |
| STANDBY POWER: | 44 kVA |

DIMENSIONS

OPEN MODEL

| | |
|---------------------|---------|
| LENGTH: | 1700 mm |
| WIDTH: | 896 mm |
| HEIGHT: | 1221 mm |
| DRY WEIGHT: | 820 Kg |
| FUEL TANK CAPACITY: | 100 L |

CLOSED MODEL

| | |
|--------------------------|---------|
| LENGTH: | 2080 mm |
| WIDTH: | 960 mm |
| HEIGHT: | 1415 mm |
| DRY WEIGHT: | 1040 Kg |
| FUEL TANK CAPACITY: | 100 L |
| ACOUSTIC PRESSURE AT 1M: | 74 dB |
| ACOUSTIC PRESSURE AT 7M: | 62 dB |

SDMO J44K

TECHNICAL DATA

GENERAL ENGINE DATA

| | |
|----------------------|-----------------|
| MANUFACTURER: | JOHN DEERE |
| MODEL REF: | 3029TFS29 |
| SPEED: | 1500 RPM |
| POWER PRP: | 32 kW |
| POWER LTP: | 35 kW |
| NUMBER OF CYLINDERS: | 3 |
| DISPLACEMENT: | 2.91 L |
| BORE: | 106 mm |
| STROKE: | 110 mm |
| COMPRESSION RATIO: | 17.2 |
| COOLING SYSTEM: | GLYCOL-ETHYLENE |
| AIR INLET SYSTEM: | TURBO |
| OIL CAPACITY: | 6 L |
| EXHAUST GAS TEMP: | 510 °C |
| EXHAUST GAS FLOW: | 105.6 L/s |

ALTERNATOR DATA

| | |
|---------------------------|----------|
| ALTERNATOR REF: | KH00500T |
| INSULATION CLASS: | H |
| INDICATION OF PROTECTION: | IP23 |

FUEL

| | |
|----------------------|---------|
| CONSUMPTION AT 100%: | 9.8 L/h |
| CONSUMPTION AT 75%: | 7.5 L/h |
| CONSUMPTION AT 50%: | 5.3 L/h |

TERMS & CONDITIONS

PRP : Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. ESP : The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

According to the standard, the nominal power assigned by the genset is given for 25°C Air Intlet Temperature, of a barometric pressure of 100 kPa (100 m A.S.L), and 30 % relative humidity. For particular conditions in your installation, refer to the derating table.