

**GENERATING SET**

50 Hz

**F-MI35TKSS Soundproofed**

For stationary application




Voltage	Volt	<b>230V 3-ph</b>
Current	A	<b>75</b>
Prime power (PRP)	kVA	<b>30</b>
Stand by power (LTP)	kVA	<b>33</b>
Nominal power factor		<b>cos φ 0,8</b>
Prime power (PRP)	kWe	<b>24</b>
Stand by power (LTP)	kWe	<b>26,4</b>
Fuel consumption at 70% load		<b>5,9 l/h</b>
Lifting points		<b>From base frame</b>



67 dBA

The **FILIPPINI TKSS** Super Silent canopy has been designed to achieve maximum noise level reduction as well as a perfect cooling of the engine. The exhaust gas silencer is of residential type and mounted internally. Canopies made of hot galvanized carbon sheet steel pre-treated before being powder coated. They are very compact and with remarkable technical solutions specific for the needs of the rental sector, also suitable in tropical environments.

**LOGISTIC INFORMATION**

Bunded fuel tank		<b>120</b>
Weight		<b>845</b>
Dimensions		<b>200x950x150 cm</b>

**ENGINE rpm**

1500

**ALTERNATOR**



Rpm

1500



Engine power PRP	KWm	<b>27,5</b>	Continuous duty	<b>30 Kva</b>
Engine power LTP	KWm	<b>30,5</b>	Max. efficiency	<b>90,5 %</b>
Aspiration		Natural	Exciter	<b>Brushless – diode bridge</b>
Cooling		Water	Wires	<b>6</b>
Speed governor		Mechanical	Short circuit current	<b>300%: 10 s</b>
N. cylinders		<b>4</b>	Poles	<b>4</b>
Displacement		<b>3,31 L</b>	Phases	<b>3+ N</b>
Oil sump capacity		<b>10L</b>	Isolation	<b>H</b>
			Protection	<b>IP 23</b>
			Voltage regulator	<b>± 1%</b>
				<b>Electronic</b>

**Standard supply**
**Automatic panel**
**ATS panel supplied in separate cabinet**

<ul style="list-style-type: none"> <li>Bunded fuel tank</li> <li>Fuel cap with level indicator</li> <li>Start battery 12 Vdc</li> <li>Engine water heater 500W</li> <li>Manual oil extraction pump</li> </ul>	AMF panel on board of genset <b>ACP7320AMF</b> <ul style="list-style-type: none"> <li>DSE7320 controller</li> <li><b>80A circuit breaker</b></li> <li>Emergency stop button</li> <li>Battery charger</li> </ul> 	<ul style="list-style-type: none"> <li>Electric contactors 100A</li> <li>Mechanical interlock</li> <li>Terminal strip</li> <li>Auxiliary terminals</li> </ul> 
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**PROTECTIONS**

- Low oil pressure
- High water temperature
- Low fuel level
- Fail to Start
- Fail to Stop
- Emergency Stop
- Over/under GE frequency
- Over/under GE voltage
- Over/under speed
- Fuel level / Belt break
- Over/under battery voltage

**DIGITAL MEASURES**

- Generator Volt (3Ph)
- Generator Amp (3Ph)
- Generator frequency
- kW
- kVA
- Cosφ meter /RPM meter
- Operating hours
- Battery Volt
- Mains frequency
- Charging voltage
- Start attempts - Fuel level %

**INDICATORS**

- Generator/Mains presence
- Mains contactor closed
- Generator contactor closed
- Engine running