



# KSK 140

140 kVA RICARDO-KOFO SERIES ENGINE GENSET



## GENERAL SPECIFICATIONS

Standby Power	kVA	150
	kW	120
Prime Power	kVA	148
	kW	118
Frequency	Hz	50
Rated Speed	rpm	1500

## FUEL CONSUMPTION

% 100 Fuel Consumption	lt/h	33
% 75 Fuel Consumption	lt/h	25
% 50 Fuel Consumption	lt/h	17

## GENSET DIMENSION and WEIGHT

### CANOPY TYPE

Length	(L)	mm	3100
Width	(W)	mm	1100
Height	(H)	mm	1790
Weight	(H)	kg	1537
Fuel Tank Capacity	lt		263

### OPEN TYPE

Length	(L)	mm	3100
Width	(W)	mm	1100
Height	(H)	mm	1410
Weight	(H)	kg	1263
Fuel Tank Capacity	lt		263

## TECHNICAL SPECIFICATIONS

### ENGINE

(ESP) Standby Power	kW/kVA	112/140
(PRP) Prime Power	kW/kVA	100/126
Brand		KOFO
Model		R6105AZLDS
Type		6 Stroke
Injection Type		Direct
Cylinder Bore and Stroke	mm	105x120
Displacement	lt	5,32
Compression Ratio		17:01
Aspiration Type		Turbo&Inter-cooled
Rated Speed	rpm	1500
Total Oil Capacity	lt	16
Total Coolant Capacity	lt	18
Cooling System		Water Cooled
Governor Type		Mechanical

### ALTERNATOR

Brand		KOCSAN
Model		NF274F
Phase		3
Output Voltage	V	230 / 400
Frequency	Hz	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	140
Power Factor	Cos $\phi$	0,8
Protection Class		IP 22
Insulation Class		H
Overload Running Time		%110 for 1 hour
Efficiency with Cos $\phi$ :0,8 and %75 Load	%	88

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**TECNHNICAL SPECIFICATIONS**

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**CANOPY and CASE**

- Easy Lifting and Carrying Design
- Emergency Stop Push Button Mounted on Exterior Casing
- Electrostatic Polyester Powder Coated Paint
- Special Design for Minimizing Acoustic Level
- Transparent Cover for Monitoring Control Unit
- Vibration Insulator

**D300 CONTROL UNIT**

- Webbased Control Unit with Additional External Slot
- Parameter Regulation via USB, RS-232 and GPRS
- CANBUS-J19398 & MPU Input
- 8 pcs. Configurable Digital Inputs
- 6 pcs. Configurable Digital Outputs
- 3 pcs. Configurable Service Alarm
- 3 pcs. Configurable Analog Inputs
- Language Configuration
- Weekly Working Program
- Free PC Configuration Software
- Remote / Manuel Start Controller
- ATS & AMF with Uninterrupted Transfer
- Modbus RTU
- Modbus TCP/I
- Internet Central Monitoring (Optional)
- Sms & E-mail Sending (Optional)

**OPTIONAL EQUIPMENTS**

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| - Super Silent Canopy             | - Different Canopy and Case Colour |
| - Trailer                         | - Fuel & Oil Heater                |
| - Automatic Fuel Filling System   | - External Fuel Tank               |
| - Remote Monitoring               | - Electronic Governor              |
| - 3P / 4P Circuit Breaker         | - 3P / 4P ATS Panel                |
| - Synchronization System          | - Expandable Fuel Tank             |
| - Alternator with Two AVR and PMG | - Fuel / Water Separation Filter   |