

# KSK 100

100 KVA RICARDO-KOFO SERIES ENGINE GENSET



## GENERAL SPECIFICATIONS

Standby Power	kVA	100
	kW	80
Prime Power	kVA	90
	kW	72
Frequency	Hz	50
Rated Speed	rpm	1500

## FUEL CONSUMPTION

% 100 Fuel Consumption	lt/h	19
% 75 Fuel Consumption	lt/h	14
% 50 Fuel Consumption	lt/h	10

## GENSET DIMENSION and WEIGHT

### CANOPY TYPE

Length	(L)	mm	2500
Width	(W)	mm	1000
Height	(H)	mm	1590
Weight	(H)	kg	1124
Fuel Tank Capacity	lt		197

### OPEN TYPE

Length	(L)	mm	2500
Width	(W)	mm	1000
Height	(H)	mm	1340
Weight	(H)	kg	986
Fuel Tank Capacity	lt		197





# KSK 100

100 kVA RICARDO-KOFO SERIES ENGINE GENSET

## TECHNICAL SPECIFICATIONS

### ENGINE

(ESP) Standby Power	kW/kVA	80/100
(PRP) Prime Power	kW/kVA	72/90
Brand		KOFO
Model		4RT55-88D
Type		4 Stroke
Injection Type		Direct
Cylinder Bore and Stroke	mm	105*135
Displacement	lt	4,43
Compression Ratio		17:00
Aspiration Type		Turbocharged
Rated Speed	rpm	1500
Total Oil Capacity	lt	18
Total Coolant Capacity	lt	16
Cooling System		Water Cooled
Governor Type		Mechanical

### ALTERNATOR

Brand		KOCSAN
Model		NF274C
Phase		3
Output Voltage	V	230 / 400
Frequency	Hz	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	100
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

Sanayi Mah., İzmit Sanayi Sitesi, 13. Cad., 313. Blok, No: 24 / 26 İzmit - KOCAELİ

0 (262) 321 9393 / info@kocaelijenerator.com.tr / info@kocsanjenerator.com

www.kocaelijenerator.com.tr / www.kocsanjenerator.com

## TECNHNICAL SPECIFICATIONS

### 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   |