

## GENSET

## BNC440R

Standby Power	kVA	440
	kW	352
Prime Power	kVA	400
	kW	320



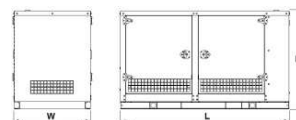
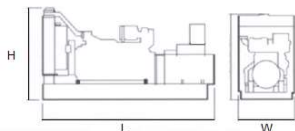
Engine Speed	Frequency
1500 rpm	50 Hz
Voltage	
400/230 V	

### ENGINE

Brand		RICARDO
Model		WT13B-330DE
Maximum Total Output Power	kW	363
Cylinders Quantity / Type		6 / Line
Cylinders Displacement	Lt.	12,5
Aspiration System		Turbo&Intercooled
Bore x Stroke	mm	130 x 157
Compression Ratio		17:01
Governor Type		Mechanic
Injection		Direct
Cooling		Water Cooled
Electrical System Voltage	VDC	24
Oil Capacity	Lt.	40
Engine Coolant Capacity	Lt.	51,4
Daily Fuel Tank Capacity	Lt.	600
Fuel Consumption (lt/h)	Load 100%	71
	Load 75%	54
	Load 50%	37

### ALTERNATOR

Standby Power	kVA(kW)	440 (352)
Prime Power	kVA(kW)	400 (320)
Brand		BNC
Output Voltage	V	400/230
Insulation Class		H
Indication Of Protection		IP23
Number Of Phase		3
Power Factor (Cos Phi)		0,8
Number Of Pole		4
Frequency	Hz	50
Number Of Bearing		Single
Design		AVR / Brushless
Voltage Regulation		± 0,5%
T.Harmonic Distortions		< 2 %
Short Circuit Current		300%(10sec.)
Connection Type		Star
Overloading		110% For 1 Hour



#### OPEN VERSION

Width (mm)	Length (mm)	Height (mm)	Dry Weight (kg)
1250	3000	1800	3400

#### CANOPY VERSION

Width (mm)	Length (mm)	Height (mm)	Dry Weight (kg)
1630	4330	2210	4550

#### GEN-SET

- \* Heavy duty diesel engine
- \* Mechanic/Electronic governor system
- \* Water cooled, 4 stroke, direct / indirect injection
- \* Tropical type radiator
- \* Maintenance free battery
- \* Engine block water heater
- \* Industrial type exhaust silencer

#### BASE FRAME

- \* Mounted on the steel base chassis
- \* Dial / electronic type fuel level indicator
- \* Elastic vibration dampers between engine and frame

#### SOUNDPROOF & CANOPY

- \* Noise isolation canopy design upon modular approach
- \* Lockable doors on both sides of canopy
- \* Canopy designed for easy and swift genset maintenance
- \* Fully weatherproof
- \* Base mounted lifting eyes and lifting points
- \* Non-flammable acoustic foam



Standby Power (ESP): Emergency power under varying electrical load.  
Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload

All datas can be changed by BNC Generator without giving any information.



#### AMF CONTROL PANEL

- \* Key informations displayed via the LCD screen
- \* Simple push-button control;
- OFF-MANUAL-AUTO-TEST-START
- \* Manual programming on control panel
- \* Battery Charger
- \* Multi lingual control panel with microprocessor
- \* Emergency stop button, light and sound alarm siren
- \* Digital LCD display provides simple, intuitive menu navigation and control of generator set operation
- \* Remote control with GSM modem (option)

