

KZR-T90 DIESEL GENERATOR SET / 50Hz

OUTPUT RATINGS	50 Hz / 400V
Standby Power	90 kVA
	72 KW
Prime Power	81 kVA
	64 KW

ENGINE (ESP -STAND-BY)	
Manufacturer	RICARDO
Origin	CHINA
Model	R4105IZLD
No of Cylinder / Configuration	4 / IN LINE
Displacement (lt)	4,5
Bore / Stroke (mm)	105 / 130
Cycle	4
Compression Ratio	16.00 :1
Aspiration	Turbocharged
Governor Type	Mechanic
Cooling System	Water
Coolant Capacity (lt)	18
Lubrication Oil Capacity (lt)	13
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	79,2
Fuel Consumption (g/kwh)	100% 231

Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Prime Power

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3)



ALTERNATOR

Manufacturer	GENTECH
Origin	TURKEY
Model	GNT-90
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (SteadyState)	± %1
Insulation Class	H
Degree of Protection	IP 22/23
Excitation System	AVR, Brushless
Connection Type	Y Type
Total Harmonic Content (No Load)	< %3
Frequency (Hz)	50
Voltage Output (VAC)	230 / 400
Efficiency (%)	%93,8



Sound Proof Canopy

Special design for minimizing acoustic level
Galvanised steel construction further protected by polyester powdercoat paint
Black finish stainless steel locks and hinges
Control panel viewing window in a lockable access door
Emergency stop push button (red) mounted on enclosure exterior
Lifting, drag and jacking points on base frame
Radiato fill via removable, flush mounted rain cap fitted with compression seal
Acoustic insulation with moisture-repellent and non-flammable material

Dimensions	WxLxH	Weight	Fuel Tank	Noise
	mm	kg	lt	db(A)
CANOPIED	980x2750x1650	1390	200	
OPEN SET	950x1900x1500	1120	200	

CONTROL UNIT

STANDART: Datakom309



OPTIONAL: Deepsea



TR-QC-EC-3238



TR-QC-EC-3238



TR-SC-3238



TR-SC-3238