



TMG POWER

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RICARDO DIESEL GENSET

TMG-R 90

GROUP

		Standby Power	Prime Power
Power	kVA	90	82
Power	kW	72	65
Engine Speed	rpm	1500	
Standard Voltage	V	400 / 230	
Power Factor	Cos Phi	0,8	

Continuous Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

Standby Power

The maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading isn't permissible.

Prime Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.



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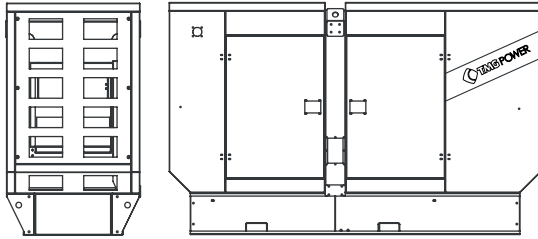
Engine Properties

Brand		Ricardo
Model		R 4105IZLD
Medicine		Direct Injection
Standby Power	kW	72
Prime Power	kW	65
Cylinder Volume	lt.	4,33
Number of Cylinders / Type		4 - Sıra
Engine Speed	rpm	1500
Aspiration		Natural Suction
Cooling Type		Water Radiator
Heater Power		1000V
Cycle / Minutes		1500
Piston Diameter And Stroke	mmxmm	105X130
Governor Class		Mechanic
Fuel Consumption 100%	lt.	17,95
Fuel Consumption% 50	lt.	8,95
Oil Capacity	lt.	16
Water Capacity	lt.	26
Voltage	V	12V
Battery Capacity	A	105A

Alternator Properties

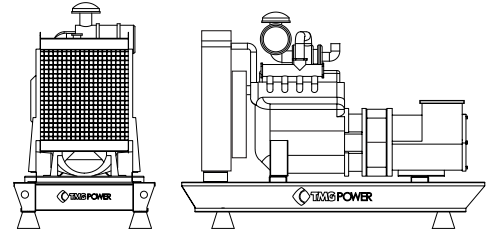
Output Voltage	V	230/400
Frequency	HZ	50
Automatic Voltage Regulation	±%	0,5
Stand by Power	kVA	90
Prime Power	kVA	72
Power Factor	Cosφ	0,8
Number of Cables		12
Winding Line		2/3
Protection Class		IP23 / H
Warning System		Self-Alert
AVR Model		SX460
Alternator Efficiency	%	92

Diemensions



Canopied

L x W x H	mm	2650x950x1860
Weight	kg	1363
Fuel Tank Capacity	lt.	165



Open Set

L x W x H	mm	2350x950x1460
Weight	kg	1088
Fuel Tank Capacity	lt.	165

Optitonal

Some Optional Equipments that TMG POWER provides with Generator Sets;

- Medium voltage alternator,
- Remote radiator applications,
- Automatic fuel filling system,
- Fuel tank, oil pan, dashboard, alternator, coil heaters,
- Alternator with double AVR and PMG,
- Synchronization systems, The generator output breaker,
- Grid-generator transfer switches,
- Accordance with the specific volume of demand-insulated cabins,
- Seismic solutions,
- Remote monitoring.
- SMPS 12/24V 10A

Kontrol Panel

- Datakom D500
- Datakom D700
- ComAp AMF9
- ComAp AMF25