

Output Ratings			
Genset Model	Prime <sup>1</sup>	Standby <sup>2</sup>	
380-415V, 50Hz	1716 kVA / 1373 kW	1888 kVA / 1510 kW	
480V 60Hz	_	_	

Ratings are given at 0,8 power factor

Dimension & Weight			
Length [mm]	Width [mm]	Height [mm]	Dry [kg]
5100/12190	2250/2440	2650/2900	TBA
Dry: With Lube Oil	With Lube Oil Wet: With Lube Oil & Coolant		

Without canopy/ with canopy

uel System

Lubrication System	
Engine Model :	Mitsubishi S16R-PTA
Number of Cylinders:	16 / V
Cycle :	4
Bore / Stroke [mm] :	170.0 / 180.0
Induction:	Turbocharged - Air Cooler
Cooling Method :	Water
Governor Type :	Elektronic
Compression Ratio :	14.0:1
Displacement [lt]:	65.37
Electrical Sys. Voltage	24 / Negative
Battery Charger Amps.	30

Lubrication System	
Total Oil Capacity [lt]:	230
Oil Type :	API CD 15W-40
Oil Cooling Method:	Water

Fuel Filter Type : Replaceable Element				nt
Recommended	commended Fuel : Class A2 Diesel			
Fuel Consumpti	Fuel Consumption [It]:			
110% 100% 75% 50%				
Prime	Load	Load	Load	Load
50Hz	399	354	269	190

(Based on diesel fuel with a spec, gravit	v of 0.84 and compli	ied with BS2869	. Class A2

Manufacturer:	STAMFORD
Model:	PI 734E
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch :	2/3
Number of Wire :	6
Protection Class:	IP23
Efficiency:	95.8 %
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	3.0%
Appearent power [kVA]:	1900

Cooling System		50Hz
Cooling System Capacity [It]:		335
Heat rejected to Water & Lube Oil [	kW]:	
	Prime	
	Standby	
Heat Radiation to Room [kW] :		
	Prime	
	Standby	
Radiator Fan Load [kW]:		
Radiator Cooling Air Flow [m <sup>3</sup> /min]	<b> :</b>	
External Restrictions to :		
Cooling Airflow [Pa]:		

Exhaust System		30HZ	
Max. Allowable Back Pressure [k	Pa] :		
Exhaust Gas Flow [m <sup>3</sup> /min]:			
	Prime		
	Standby		
Exhaust Gas Temp. [°C]:			
	Prime		
	Standby		
Performance		50Hz	
Engine Speed [rpm]:		1500	
Gross Engine Power [kW]:			
	Prime	1440	
	Standby	1580	

Air Systems		50Hz
Air Filter Type :		Replaceable Element
Combustion Air Flow [m³/min]:		
	Prime	
	Standby	
Max. Combustion Air Intake		
Restriction [kPa] :		

## Available Options

Diamond offers a range of optional features to tailor our gensets to meet your power requirements.

Options:

- \* A wide range of Sound Attenuated Enclosures
- \* A variety of generating set control and synchronising panels
- \* Additional alarms and shutdowns
- \* A selection of exhaust silencer noise levels

For further information on all of the standard and optional

features for this product, please contact  $\operatorname{DIAMOND}$  or

visit www.diamondcable.com.tr

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

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