

DIA-M 2250

Output Ratings			
Genset Model	Prime ¹	Standby ²	
10000V, 50Hz	2015kVA / 1612kW	2250kVA / 1800kW	
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Ratings are given at 0,8 power factor

Dimension & Weight				
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
5900/12190	2250/2440	2750/2900	1800/2400	
Dry: With Lube Oil	Wet: With Lube Oil & Coolant			
Without canopy/ with canopy				
Lubrication System		Coolin	g System	50Hz
Engine Model :	Mitsubi	shi S16R-PTAA2 Soğutı	na Sistemi Kapasitesi [lt] :	410

Number of Cylinders:	16 / V
Cycle :	4 Stroke
Bore / Stroke [mm] :	170.0 / 180.0
Induction :	Turbocharged - Air Cooler
Cooling Method :	Water
Governor Type :	Elektronic
Governor Type : Compression Ratio :	Elektronic 13.5:1
Compression Ratio :	13.5:1

Cooling System		50Hz
Soğutma Sistemi Kapasitesi [lt] :		410
Su Devresine Verilen Isıl Güç [kW] :		
	Prime	536
	Standby	603
Radyasyon ile Verilen Isıl Güç[kW] :		
	Prime	124
	Standby	140
Radyatör Fanı Güç Değeri [kW] :		45

230
API CD 15W-40
Water

Fuel System					
Fuel Filter Type :			Replaceable Element		
Recommended	Fuel :	uel : Class A2 Diesel			
Fuel Consumpt	ion [lt] :				
	110%	100%	75%	50%	
Prime	Load	Load	Load	Load	
50Hz	455	404	310	213	

Exhaust System		50Hz	
Max. Allowable Back Pressure [k	Pa] :		
Exhaust Gas Flow [m ³ /min] :			
	Prime		
	Standby		
Exhaust Gas Temp. [[°] C] :			
	Prime		
	Standby		
Dorformanco		FOUR	

Performance		50Hz
Engine Speed [rpm] :		1500
Gross Engine Power [kW] :		
	Prime	1684
	Standby	1895

Air Systems		50Hz
Air Filter Type :		Replaceable Element
Combustion Air Flow [m ³ /min] :		
	Prime	
	Standby	
Max. Combustion Air Intake		
Restriction [kPa] :		

(Based on diesel fuel with a spec. gravity of 0,84 and complied with BS2869, Class A2) $\,$

Alternator Data	
Manufacturer :	STAMFORD
Model :	PI 734F
No. of Bearings :	Single
Insulation Class:	F
Winding Pitch :	2/3
Number of Wire :	6
Protection Class :	IP23
Efficiency:	96%
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	3.0%
Appearent power [kVA]:	2080

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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 DIAMOND or

visit www.diamondcable.com.tr

1-Prime Rating:

g: 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)