Diamond

DIA-D35

Output Ratings			
Genset Model	Prime ¹	Standby ²	
380-415V, 50Hz	30 kVA / 24 kW	35kVA / 28kW	
480V, 60Hz	-	-	
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Ratings are given at 0,8 power factor

Wet [kg] 00 50Hz
50Hz
50Hz
50Hz

Lubrication System		
Total Oil Capacity [lt] :	7,25	

Fuel System				
Fuel Filter Type	:	Replaceable Element		
Recommended	l Fuel :	Class A2 Diesel		
Fuel Consumption [It] :				
	110%	100%	75%	50%
Prime	Load	Load	Load	Load
50Hz		8,1	6	4

Fuel Tank Capacity (L):

Exhaust System		50Hz	
Max. Allowable Back Pressure [k	Pa] :	6,5	
Exhaust Gas Temp. [°C] :		550	
Performance		50Hz	
Engine Speed [rpm] :		1500	
Gross Engine Power [kW] :			
	Prime	30	
	Standby	33	
Air Systems		50Hz	
Air Filter Type :		Replaceable Element	t

ir Filter Type :			

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

Alternator Data	
Manufacturer :	LINZ electric
Model :	PRO 18SC/4
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch :	2/3
Number of Wire :	12
Protection Class :	IP23
Efficiency:	87.1%
Voltage Regulation (Steady State) :	1.0%
Total Harmonic Content:	5.0%
Appearent power [kVA]:	34

Available Options
Diamond 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:

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)

Standard Reference Conditions: Standart reference conditions 25'C Air Inlet Temp. 100m, 30% relative humidity.