



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ35PE

GEN-SET POWER RATING

*Stand-by Power	kVA	34
**Prime Power	kVA	31

*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may be run continuously. No overload is permitted on standby power

**Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve hour operation

DIMENSIONS W x L x H

Open Skid	mm	750x1850x1170
Canopied	mm	900x2200x1570

FUEL TANK CAPACITY

Open Skid	lt	119
Canopied	lt	120

WEIGHT

Open Skid	kg	738
Canopied	kg	1050

ENGINE

Manufacturer		PERKINS
Origin		UK
Model		1103A-33G
Governor Type		Mechanical
Speed	rpm	1500
Net Stand-by Power	kWm	30,4
Net Prime Power	kWm	27,7
Cylinder number and config.		In line - 3
Bore/Stroke	mm	105/127
Displacement	lt	3,30
Compression ratio		19,25

Aspiration Naturally aspirated

Cooling Water Cooled

Electrical system	V	12
Fuel Consumption		
% 100 load	lt/h	7,1
% 75 load	lt/h	5,3
% 50 load	lt/h	3,9
Lub.Oil Capacity	lt	7,9
Coolant Capacity with radiator	lt	10,2

ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB160MB4
Stand By Power	kVA	35
Power Factor		0,8
Efficiency	%	88,3
Number of Bearing		Single
Leads Number		12
Voltage	V	230/400
Voltage Regulation Accuracy		±1%
Frequency	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star

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