



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ22PE

GEN-SET POWER RATING

*Stand-by Power	kVA	22
**Prime Power	kVA	20

*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	550x1600x1170
Canopied	mm	900x2200x1570

FUEL TANK CAPACITY

Open Skid	lt	63
Canopied	lt	96

WEIGHT

Open Skid	kg	540
Canopied	kg	865

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	404C-22G	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	20,4
Net Prime Power	kWm	18,5
Cylinder number and config.	In line - 4	
Bore/Stroke	mm	84/100
Displacement	lt	2,21
Compression ratio		23,30

Aspiration Naturally aspirated

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load lt/h 5,4

% 75 load lt/h 4,0

% 50 load lt/h 2,9

Lub.Oil Capacity lt 10,6

Coolant Capacity with radiator lt 7,0

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB160SB4	
Stand By Power	kVA	22
Power Factor		0,8
Efficiency	%	87,4
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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