



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ40CM

### GEN-SET POWER RATING

*Stand-by Power	kVA	40
**Prime Power	kVA	35

\* Stand-by power 100% is applicable for supplying emergency power for the duration of the utility power outage, no overload permissible. A stand-by rated Genset should be sized for a maximum of an 80 % average load factor and 200 hrs of operation per year

\*\* Prime power is available for an unlimited number of hours per year in a variable load application. Variable load should exceed a 70 % average of the prime power during any operating of 250 hours , total operating time at 100 % prime power shall not exceed 500 hours per year

### DIMENSIONS W x L x H

Open Skid	mm	750x1850x1220
Canopied	mm	900x2600x1570

### FUEL TANK CAPACITY

Open Skid	lt	119
Canopied	lt	120

### WEIGHT

Open Skid	kg	660
Canopied	kg	967

### ENGINE

Manufacturer	CUMMINS	
Origin	UK	
Model	4B3.3-G1	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	36
Net Prime Power	kWm	32
Cylinder number and config.	In line-4	
Bore/Stroke	mm	95x115
Displacement	lt	3,3
Compression ratio		18,2

Aspiration Naturally aspirated

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load lt/h 9,7

% 75 load lt/h 7,1

% 50 load lt/h 5,7

Lub.Oil Capacity lt 7,5

Coolant Capacity with radiator lt 14,0

### ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB200SA4	
Stand By Power	kVA	46
Power Factor		0,8
Efficiency	%	88,5
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

All information given in this leaflet is intended for general purposes only. Due to a policy of continuous improvement, Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current conditions of sales.