



TEKSAN DIESEL GENERATING SET

230/400 V 50 Hz - 3000 rpm

GEN-SET MODEL

TJ20MS

GEN-SET POWER RATING

*Stand-by Power	kVA	20
**Prime Power	kVA	17,5
* Standby Power available a variable load in the event of a main power network failure. No overload is permitted.		
** Prime Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour in every twelve hours of operation.		

DIMENSIONS W x L x H

Open Skid	mm	700x1300x870
Canopied	mm	700x2000x1050

FUEL TANK CAPACITY

Open Skid	lt	39
Canopied	lt	39

WEIGHT

Open Skid	kg	520
Canopied	kg	620

ENGINE

Manufacturer		MITSUBISHI
Origin		JAPAN
Model		S3L2 61SDH
Governor Type		Mechanical
Speed		3000
Net Stand-by Power	kWm	19,3
Net Prime Power	kWm	16,6
Cylinder number and config.		In line - 3
Bore/Stroke	mm	78 x 92
Displacement	lt	1,318
Compression ratio		22
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption at full load	lt/h	5,5
Lub.Oil Capacity	lt	3,7
Coolant Capacity with radiator	lt	4,2

ALTERNATOR

Manufacturer		SINCRO
Origin		ITALY
Model		HB2 SA
Stand By Power	kVA	21
Power Factor		0,8
Efficiency	%	84,5
Number of Bearing		Single
Voltage	V	230/400
Voltage Regulation Accuracy		±1%
Frequence	Hz	50
Insulation Class		H
Protection		IP21
Excitation System		Brushless, AVR

All ratings data based on operation under ISO 3046 conditions using typical fan sizes and drive ratios. For operation outside of these conditions please consult to Teksan.

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