TJ20MS

Diesel Generator Sets (50 Hz / 60 Hz)

Power Output Ratings		50 Hz / 400 V	60 Hz / 440 V
Standby Power (ESP)	kVA	21	22
	kW	17	18
Prime Power (PRP)	kVA	18	20
	kW	14	16

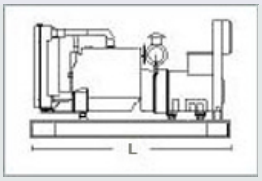
Engine			
Manufacturer		MITSUBISHI	
Origin		JAPAN	
Model		S3L2-61SDH	
No of Cylinder / Configuration		3 - INLINE	
Displacement	lt	1,318	
Bore / Stroke	mm	78 / 92	
Compression Ratio		22:1	
Aspiration		Naturally Aspirated	
Governor Type		MECHANIC	
Cooling System		WATER	
Coolant Capacity	lt	4,2	
Lubrication Oil Capacity	lt	4,2	
Electrical System	VDC	12	
Speed / Frequency		3000 rpm / 50 Hz	3600 rpm / 60 Hz
Engine Gross Power	kWm	21,2	23
Fuel Consumption lt/h	110 %	6,9	7,8
	100 %	6,7	7,1
	75 %	5,5	6,3
	50 %	4,1	5,2
Exhaust Outlet Temperature	°C	400	430
Exhaust Gas Flow	m³/min	4,6	5,3
Combustion Air Flow	m³/min	2	2,6
Cooling Air Flow	m³/min	TBA	TBA

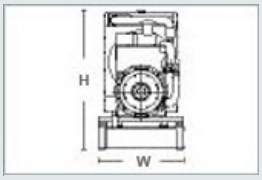
Alternator			
Manufacturer		SINCRO	
Origin		ITALY	
Model		HB2SAR	
No of Phase		3	
Power Factor		0,8	
No of Bearing		SINGLE	
No of Poles		2	
No of Leads		6	
Voltage Regulation (Steady State)		± %2	
Insulation Class		H	
Degree of Protection		IP 21	
Excitation System		AVR (Automatic Voltage Regulator), Brushless	
Connection Type		STAR	
Total Harmonic Content (No Load)		< %3	
Frequency	Hz	50	60
Voltage Output	VAC	230 / 400	254 / 440
Rated Power (Standby)	kVA	21	24
Efficiency	%	84,5	0

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise (dBA)
Canopied	730 x 2002 x 1200	523	39	TBA
Open Skid	700 x 1300 x 870	286	39	TBA

Standby Power
Standby power is defined as the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 500 hours of operation per year under average of 70% load. Overloading is not permissible.

Prime Power
Prime power is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hours.





- Technical information and values are according to ISO8528, ISO3046,NEMA MG-1.22, IEC 60034-1, BS 4999-5000, VDE 0530 standards.
- Producing with ISO9001, ISO14001, OHSAS18001, TSE, CE standards.
- All information given in this leaflet is intended for general purposes only. Due to a policy continuous improvement Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current condition of sales.

TBA: To Be Ask **TBD:** To Be Determined **NA:** Not Avaliable **N/A:** Not Applicable **TTD20MS0508-EN**