TJ94DW5A

Diesel Generator Sets / 50 Hz

Power Output Ratings		50 Hz / 400 V
Standby Power (ESP)	kVA	94
	kW	75
Prime Power (PRP)	kVA	85
	kW	68

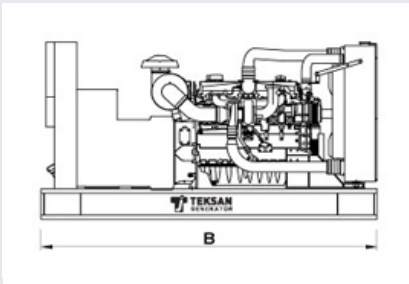
Engine		
Manufacturer		DOOSAN
Origin		KOREA
Model		D1146
No of Cylinder / Configuration		6 - INLINE
Displacement	lt	8,1
Bore / Stroke	mm	111 / 139
Compression Ratio		17,5:1
Aspiration		Naturally Aspirated
Governor Type		MECHANIC
Cooling System		WATER
Coolant Capacity	lt	38,5
Lubrication Oil Capacity	lt	15,5
Electrical System	VDC	24
Speed / Frequency		1500 rpm / 50 Hz
Engine Gross Power	kWm	85
Fuel Consumption lt/h	110 %	20,8
	100 %	20,6
	75 %	15,9
	50 %	11,3
Exhaust Outlet Temperature	°C	TBA
Exhaust Gas Flow	m³/min	TBA
Combustion Air Flow	m³/min	5,8
Cooling Air Flow	m³/min	225

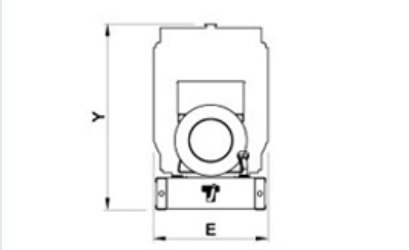
Alternator		
Manufacturer		MARELLI
Origin		ITALY
Model		MJB225SA4
No of Phase		3
Power Factor		0,8
No of Bearing		SINGLE
No of Poles		4
No of Leads		12
Voltage Regulation (Steady State)		± %0,5
Insulation Class		H
Degree of Protection		IP 23
Excitation System		AVR (Automatic Voltage Regulator), Brushless
Connection Type		STAR
Total Harmonic Content (No Load)		< %2
Frequency	Hz	50
Voltage Output	VAC	230 / 400
Rated Power (Standby)	kVA	93,5
Efficiency	%	91

	W x L x H (mm)	Weight (kg)	Fuel Tank (lt)	Noise dB(A)
Canopied	1037 x 3265 x 1700	1530	168	TBA
Open Skid	750 x 2520 x 1420	1220	144	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 **TTD94DW5A0510-EN**