



Engine Specifications

DIESEL ENGINE DATA

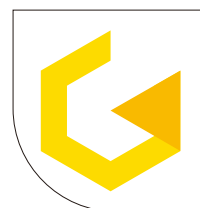


Engine Model	VOLVO TAD1343GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged
Bore X Stroke	131 X 158 mm
Displacement Total	12.78 liters
Compression Ratio	18 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air intake system	Mounted Air Filter

GENERATOR DATA



Manufacture	REXFORD
Phase Power	3
Voltage	230/400 Volt
Power Factor	0.8
Coupling	Direct
Bearing Number	1
Index Protection	22
Insulation Class	H
Exciter Type	S Hunt
Pole Number	4



Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	380	304
Standby (S)	418	334

LUBRICATING SYSTEM



Wet Oil Dipstick

Full Flow Oil Filter Of Spin On
Type

By Pass Oil Filter Of Spin On
Type

Oil Cooler, Side Mounted

Low Noise Oil Sump

Total Lubrication Capacity 36 Liters

COOLING SYSTEM



Radiator Include Intercooler

Thrust Fan

Total coolant capacity 24 Liters

FUEL SYSTEM



Washable Fuel Prefilter With
Water Separator

Rotary Low-Pressure Fuel
Pump

Fuel Filter Of Disposable
Type

Fuel Consumption 192 g/kwh @ 100%
Prime Power
194 g/kWh @ 100%
Standby Power

ELECTRICAL EQUIPMENT



Alternator 80A / 24 V

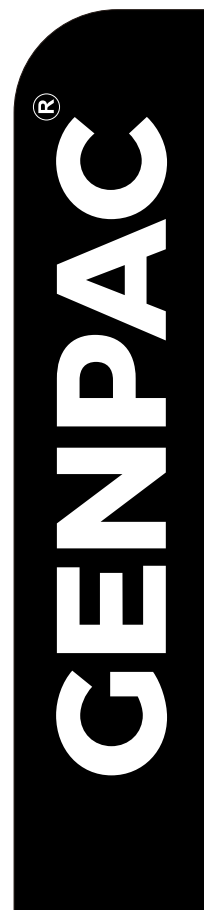
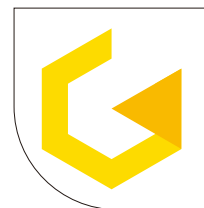
Starter Motor 7.0kw , 24 V

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3600	4000	
Width	mm	1200	1400	
Height	mm	2550	2060	
Weight	Kg	3878	5122	

