

RATING		PRP	ESP
POWER	KVA	662	729
POWER	KW	530	583
RATED SPEED	RPM	1500	
VOLTAGE	V	400/230	

ENGINE SPECIFICATIONS

MANUFACTURER	SCANIA		COOLING SYSTEM	COOLANT	
MODEL	DC16 093 (02-54)		LUBE OIL SPEC	ACEA E3, E4, E5 OR E7	
RATED OUTPUT PRP	kW	558	COMPRESSION RATIO	15.7:1	
RATED OUTPUT ESP	kW	614	LUBE OIL	g/kWh	0.3
INJECTION TYPE	DIRECT		CONSUMPTION		
ASPIRATION	TURBOCHARGED & INTERCOOLER		OIL CAPACITY	L	48
NUMBER OF CYLINDERS	8		COOLANT CAPACITY	L	68
CYLINDER ARRANGEMENT	90° V		GOVERNOR	TYPE	ELECTRONIC
BORE & STROKE	mm	130 X 154	AIR FILTER	TYPE	DRY
DISPLACEMENT	L	16.4	STEP LOAD	%	58
ENGINE SPEED	RPM	1,500	PERFORMANCE	kW	322
			(according to class G2)		

ALTERNATOR SPECIFICATIONS

MANUFACTURER	LEROY SOMER - NIDEC		ENCLOSURE	IP23	
MODEL	LSA 49.3 M6		EXCITER	SELF-EXCITED	
POLES	NO.	4	VOLTAGE REGULATOR	DVR	
CONNECTION TYPE	STAR		BRACKET TYPE	SINGLE BEARING	
MOUNTING TYPE	S-1 14"		COUPLING SYSTEM	FLEXIBLE DISC	
INSULATION	CLASS	H	COATING TYPE	STANDARD	
RATED	kVA	750	RATED	kW	600
ALTERNATOR EFF	94.80%				

WEIGHT & DIMENSIONS

LENGTH	mm	4800
WIDTH	mm	1710
HEIGHT	mm	2550
WEIGHT WITH LIQUIDS NO FUEL	kg	7150
FUEL TANK	L	990

FUEL CONSUMPTION

	L/h	g/Kwh
100% PRP	125.5	197
75% PRP	90	189
50% PRP	56	193