

RATING		PRP	ESP
POWER	KVA	457	508
POWER	KW	366	406
RATED SPEED	RPM		1500
VOLTAGE	V		400/230

ENGINE SPECIFICATIONS

MANUFACTURER	VOLVO		COOLING SYSTEM	COOLANT
MODEL	TAD 1345 GE		LUBE OIL SPEC	ACEA E3, E5 OR E7
RATED OUTPUT PRP	kWm	388	COMPRESSION RATIO	18.1:1
RATED OUTPUT ESP	kWm	431	LUBE OIL	g/kWh
INJECTION TYPE	DIRECT		CONSUMPTION	0.3
ASPIRATION	TURBOCHARGED & INTERCOOLED		OIL CAPACITY	L
NUMBER OF CYLINDERS	6		COOLANT CAPACITY	L
CYLINDER ARRANGEMENT	L		GOVERNOR	TYPE
BORE & STROKE	mm	131 x 158	AIR FILTER	TYPE
DISPLACEMENT	L	12.78	STEP LOAD	%
EENGINE SPEED	RPM	1,500	PERFORMANCE	kW
			(according to class G2)	257

ALTERNATOR SPECIFICATIONS

MANUFACTURER	STAMFORD		ENCLOSURE	IP23
MODEL	HCI544C		EXCITER	SELF-EXCITED
POLES	NO.	4	VOLTAGE REGULATOR	AVR
CONNECTION TYPE	STAR - PARALLEL		BRACKET TYPE	SINGLE BEARING
MOUNTING TYPE	S-1 14"		COUPLING SYSTEM	FLEXIBLE DISC
INSULATION	CLASS	H	COATING TYPE	STANDARD

WEIGHT & DIMENSIONS

LENGTH	mm	4205		L/h	g/Kwh
WIDTH	mm	1590	100% PRP	92	196
HEIGHT	mm	2275	75% PRP	69	197
WEIGHT WITH LIQUIDS NO FUEL	kg	5400	50% PRP	47	199
FUEL TANK	L	950			

FUEL CONSUMPTION