

RATING		PRP	ESP
POWER	KVA	125	137.5
POWER	KW	100	110
RATED SPEED	RPM		1500
VOLTAGE	V		400/230

## ENGINE SPECIFICATIONS

MANUFACTURER	JCB	COOLING SYSTEM	COOLANT
MODEL	444TCAG	LUBE OIL SPEC	API CH4-SAE 10W40
RATED OUTPUT PRP	kWm 117	COMPRESSION RATIO	18:01
RATED OUTPUT ESP	kWm 128.7	LUBE OIL	% .1% OF FUEL CONS
INJECTION TYPE	DIRECT	CONSUMPTION	
ASPIRATION	TURBOCHARGED	OIL CAPACITY	L 14
		COOLANT CAPACITY	L 18
NUMBER OF CYLINDERS	4	GOVERNOR	TYPE MECHANICAL
CYLINDER ARRANGEMENT	L	AIR FILTER	TYPE TWO STAGE
BORE & STROKE	mm 106 X 135	STEP LOAD	% 68
DISPLACEMENT	L 4.765	PERFORMANCE	kWm 79.5
ENGINE SPEED	RPM 1,500	(according to class G2)	

## ALTERNATOR SPECIFICATIONS

MANUFACTURER	MECCALTE	ENCLOSURE	IP23
MODEL	ECP34-M/4	EXCITER	SELF-EXCITED
POLES	NO. 4	VOLTAGE REGULATOR	AVR
CONNECTION TYPE	STAR	BRACKET TYPE	SINGLE BEARING
MOUNTING TYPE	-	COUPLING SYSTEM	FLEXIBLE DISC
INSULATION	CLASS H	COATING TYPE	WINDING
			PROTECTION GREY

## WEIGHT & DIMENSIONS

LENGTH	mm	2850
WIDTH	mm	1140
HEIGHT	mm	1850
WEIGHT WITH LIQUIDS NO FUEL	kg	1880
FUEL TANK	L	270

## FUEL CONSUMPTION

	L/h	g/Kwh
100% PRP	29.6	-
75% PRP	22.4	-
50% PRP	16	-