

RATING		PRP	ESP
POWER	KVA	59	65
POWER	KW	47	52
RATED SPEED	RPM	1500	
VOLTAGE	V	400/230	

## ENGINE SPECIFICATIONS

MANUFACTURER	JCB	COOLING SYSTEM	COOLANT
MODEL	444TG	LUBE OIL SPEC	API CH4-SAE 10W40
RATED OUTPUT PRP	kWm 56	COMPRESSION RATIO	17.5:1
RATED OUTPUT ESP	kWm 61.6	LUBE OIL	% .1% OF FUEL CONS
INJECTION TYPE	DIRECT	CONSUMPTION	
ASPIRATION	TURBOCHARGED	OIL CAPACITY	L 14
		COOLANT CAPACITY	L 16
NUMBER OF CYLINDERS	4	GOVERNOR	TYPE MECHANICAL
CYLINDER ARRANGEMENT	L	AIR FILTER	TYPE TWO STAGE
BORE & STROKE	mm 103 X 132	STEP LOAD	% 68
DISCPLACEMENT	L 4.4	PERFORMANCE	kWm 38.1
EENGINE SPEED	RPM 1,500	(according to class G2)	

## ALTERNATOR SPECIFICATIONS

MANUFACTURER	MECCALTE	ENCLOSURE	IP23
MODEL	ECP32-2M/4 B	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	STANDARD

## WEIGHT & DIMENSIONS

LENGTH	mm	2850
WIDTH	mm	1140
HEIGHT	mm	1850
WEIGHT WITH LIQUIDS NO FUEL	kg	1660
FUEL TANK	L	270

## FUEL CONSUMPTION

	L/h	g/Kwh
100% PRP	14.1	-
75% PRP	10.6	-
50% PRP	8.2	-