

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
NUMBER OF CYLINDERS	4	COOLANT CAPACITY	L 16
CYLINDER ARRANGEMENT	L	GOVERNOR	TYPE MECHANICAL
BORE & STROKE	mm 103 X 132	AIR FILTER	TYPE TWO STAGE
DISPLACEMENT	L 4.4	STEP LOAD	% 68
EENGINE SPEED	RPM 1,500	PERFORMANCE	kW 38.1
		(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	1030
HEIGHT	mm	1750
WEIGHT WITH LIQUIDS NO	kg	1660
FUEL		
FUEL TANK	L	270

FUEL CONSUMPTION

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