

| RATING | | PRP | ESP |
|-------------|-----|---------|-----|
| POWER | KVA | 105 | 115 |
| POWER | KW | 85 | 92 |
| RATED SPEED | RPM | 1500 | |
| VOLTAGE | V | 400/230 | |

ENGINE SPECIFICATIONS

| | | | |
|----------------------|--------------|-------------------------|--------------------|
| MANUFACTURER | JCB | COOLING SYSTEM | COOLANT |
| MODEL | 444TAG | LUBE OIL SPEC | API CH4-SAE 10W40 |
| RATED OUTPUT PRP | kWm 100 | COMPRESSION RATIO | 17.5:1 |
| RATED OUTPUT ESP | kWm 110 | 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 103 X 132 | STEP LOAD | % 68 |
| DISCPLACEMENT | L 4.4 | PERFORMANCE | kWm 68 |
| EENGINE SPEED | RPM 1,500 | (according to class G2) | |

ALTERNATOR SPECIFICATIONS

| | | | |
|-----------------|------------|-------------------|-----------------|
| MANUFACTURER | MECCALTE | ENCLOSURE | IP23 |
| MODEL | ECP34-2S/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 | 1830 |
| FUEL TANK | L | 270 |

FUEL CONSUMPTION

| | | |
|----------|------|-------|
| | L/h | g/Kwh |
| 100% PRP | 24 | - |
| 75% PRP | 18.6 | - |
| 50% PRP | 13 | - |