# SERVICE SPECIFICATIONS

## SERVICE DATA

CH03M–03

| | | |
|---|---|---|
| Battery | Specific gravity (When full charge at 20°C (68°F)) | |
| | 105D31L battery | 1.27 – 1.29 |
| | 75 Others | 1.25 – 1.27 |
| Drive belt | Deflection with 98 N (10 kgf, 22.0 lbf) | |
| | – New belt | 11 – 15 mm (0.43 – 0.59 in.) |
| | – Used belt | 15 – 20 mm (0.59 – 0.79 in.) |
| | Tension with SST | |
| | – New belt | 33 – 57 kgf |
| | – Used belt | 15 – 35 kgf |
| Generator | Rated output | 12 V – 50 A, 55 A, 80A, 100 A |
| | Rotor coil resistance | 2.8 – 3.0 Ω |
| | Slip ring diameter (STD) | 14.2 mm – 14.4 mm (0.559 – 0.567 in.) |
| | Slip ring diameter (Minimum) | 12.8 mm (0.504 in.) |
| | Brush exposed length (STD) | 10.5 mm (0.413 in.) |
| | Brush exposed length (Minimum) | 1.5 mm (0.059 in.) |
| Voltage regulator (IC) | Regulating voltage at 25 °C (77°F) | 14.0 – 15.0 V |
| | Regulating voltage at 115°C (239°F) | 13.5 – 14.3 V |

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## TORQUE SPECIFICATIONS

CH03N–01

| Part tightened | N·m | kgf·cm | ft·lbf |
|---|---|---|---|
| Generator pulley nut | 110 | 1,125 | 81 |
| Drive belt adjusting bar x Timing chain cover | 21 | 210 | 15 |
| Pivot bolt (For generator) | 59 | 600 | 43 |
| Lock bolt (For generator) | 21 | 210 | 15 |
| Drive end frame x Rectifier end frame | 4.5 | 46 | 40 in.·lbf |
| Rear end cover x Rectifier end frame | 3.8 | 39 | 34 in.·lbf |
| Rectifier plate mounting screw | 3.8 | 39 | 34 in.·lbf |
| Terminal insulator mounting nut | 4.1 | 42 | 36 in.·lbf |