

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

CH03M-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

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