

STARTING & CHARGING

SERVICE DATA

0300Q-04

Starter assy (1.4kw) Circle runout Diameter	Maximum	0.05 mm(0.0020 in.)
	Standard	30 mm (1.18 in.)
	Minimum	29 mm (1.14 in.)
Undercut depth	Standard	0.6 mm (0.024 in.)
	Minimum	0.2 mm (0.008 in.)
Brush length	Standard	15.5 mm (0.61 in.)
	Minimum	8.5 mm (0.3346 in.)
Starter assy (2.0kw) Circle runout Diameter	Maximum	0.03 mm (0.0012 in.)
	Standard	32.3 mm (1.272 in.)
	Minimum	30.5 mm (1.201 in.)
Undercut depth	Standard	0.9 mm (0.035 in.)
	Minimum	0.3 mm (0.012 in.)
Brush length	Standard	14.5 mm (0.571 in.)
	Minimum	9.0 mm (0.354 in.)
Starter assy (2.2kw) Circle runout Diameter	Maximum	0.05 mm(0.0020 in.)
	Standard	35 mm (1.378 in.)
	Minimum	34 mm (1.3386 in.)
Undercut depth	Standard	0.7 mm (0.0276 in.)
	Minimum	0.2 mm (0.079 in.)
Brush length	Standard	16.5 mm (0.6496 in.)
	Minimum	9.0 mm (0.3543 in.)
Generator assy (90A) Rotor coil resistance Slip ring diameter	at 20°C (68°F)	2.7 – 3.1 Ω
	Standard	14.2 – 14.4 mm (0.559 – 0.567 in.)
	Minimum	12.8 mm (0.504 in.)
Brush exposed length	Standard	9.5 – 11.5 mm (0.374 – 0.453 in.)
	Minimum	1.5 mm (0.059 in.)
Generator assy (130A) Rotor coil resistance Slip ring diameter	at 20°C (68°F)	2.3 – 2.7 Ω
	Standard	14.2 – 14.4 mm (0.559 – 0.567 in.)
	Minimum	14 mm (0.551 in.)
Brush exposed length	Standard	10.5 mm (0.4134 in.)
	Minimum	4.5 mm (0.177 in.)