

STARTING & CHARGING

SERVICE DATA

030BJ-01

Starter assy (1.2kw)		
Circle runout	Maximum	0.05 mm(0.0020 in.)
Diameter	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	10 mm (0.394 in.)
Starter assy (1.3kw)		
Circle runout	Maximum	0.05 mm(0.0020 in.)
Commutator length	Standard	3.3 mm (0.1299 in.)
	Maximum	4.0 mm (0.1575 in.)
Brush length	Standard	9.0 mm (0.3543 in.)
	Maximum	4.0 mm (0.1575 in.)
Snap ring length		5.0 mm (0.1969 in.)
Generator assy		
Rotor coil resistance	at 20°C (68°F)	2.1 – 2.5 Ω
Slip ring diameter	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.)