STARTING

SERVICE DATA

SS0UJ–02

Starter	Rated voltage and output power		12 V 2.2 kW
	No–load characteristics	Current	120 A or less at 11.5 V
		rpm	4,000 rpm or more
	Brush length	STD	16.5 mm (0.650 in.)
		Minimum	9.0 mm (0.354 in.)
	Spring installed load	STD	26.5 – 32.3 N (2.7 – 3.3 kgf, 5.9 – 7.3 lbf)
		Minimum	17.6 N (1.8 kgf, 4.0 lbf)
	Commutator		
	Diameter	STD	35.0 mm (1.38 in.)
		Minimum	34.0 mm (1.34 in.)
	Under cut depth	STD	0.7 mm (0.027 in.)
		Minimum	0.2 mm (0.008 in.)
	Circle runout	Maximum	0.05 mm (0.0020 in.)
	Magnetic switch		
	Contact plate for wear	Maximum	0.9 mm (0.035 in.)
Pre–heating system	Light lighting time	at 20°C (68°F)	Approx. 0.5 seconds
Glow plug	Resistance	at 20°C (68°F)	Approx. 0.72 Ω