

STARTING

SERVICE DATA

SS0SY-03

| | | |
|--------------------------------|----------------|--|
| Rated voltage and output power | | 12V 2.0 kW |
| No-load characteristics | Current | 100 A or less at 11.5 V |
| | rpm | 2,500 rpm or less |
| Brush length | STD | 15.0 mm (0.591 in.) |
| | Minimum | 9.0 mm (0.354 in.) |
| Spring installed load | STD | 21.5 – 27.5 N (2.2 – 2.8 kgf, 4.8 – 6.2 lbf) |
| | Minimum | 12.7 N (1.3 kgf, 2.9 lbf) |
| Commutator | | |
| Diameter | STD | 35.0 mm (1.378 in.) |
| | Minimum | 34.0 mm (1.339 in.) |
| Undercut depth | STD | 0.7 mm (0.028 in.) |
| | Minimum | 0.2 mm (0.008 in.) |
| Circle runout | Maximum | 0.05 mm (0.0020 in.) |
| Field frame | | |
| Shunt coil resistance | at 20°C (68°F) | 1.5 – 1.9 Ω |
| Magnetic switch | | |
| Contact plate for wear | Maximum | 0.9 mm (0.035 in.) |