

STARTING

SERVICE DATA

SS0FQ-12

| | | | |
|---------------|---|---------|--|
| Starter | Rated voltage and output power | | 12 V 1.4 kW |
| | No-load characteristics | Current | 90 A or less at 11.5 V |
| | | rpm | 3,000 rpm or more |
| | Brush length | STD | 15.5 mm (0.610 in.) |
| | | Minimum | 10.0 mm (0.394 in.) |
| | Spring installed load | STD | 17.6 - 23.5 N (1.8 - 2.4 kgf, 3.9 - 5.3 lbf) |
| | | Minimum | 11.8 N (1.2 kgf, 2.6 lbf) |
| | Commutator | | |
| | Diameter | STD | 30.0 mm (1.181 in.) |
| | | Minimum | 29.0 mm (1.412 in.) |
| | Undercut depth | STD | 0.6 mm (0.024 in.) |
| | | Minimum | 0.2 mm (0.008 in.) |
| | Circle runout | Maximum | 0.05 mm (0.0020 in.) |
| Starter relay | Magnetic switch | | |
| | Contact plate for wear | Maximum | 0.9 mm (0.035 in.) |
| | Resistance | 3 - 5 | 10 kΩ or higher |
| | 3 - 5 (Apply battery voltage to terminal 1 and 2) | | Below 1 Ω |