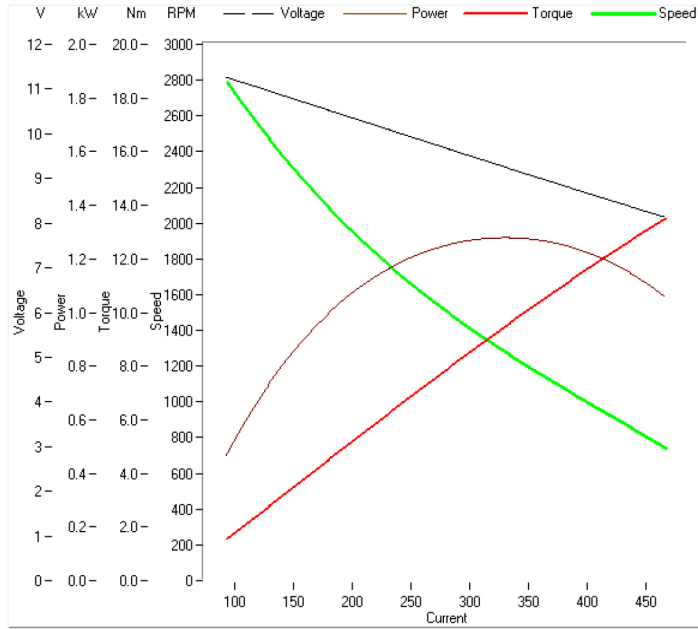




JS1303

PASS

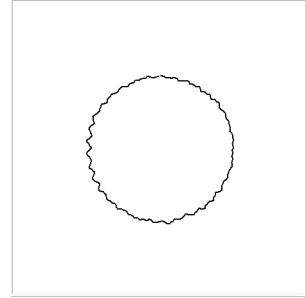
| | |
|----------------|---------|
| Starter Typ | MI |
| Starter Model: | PMGR |
| Rated Power: | 1.20 kW |
| Rated Voltage: | 12.00 V |
| Max Power: | 1.28 kW |
| Max Torque: | 14 Nm |
| Max. Ampere | 466 Amp |



Motor Performance Curve

Battery Resistance:
8.50 mOhms

Commutator / Brush Ripple Pattern



| Test | Parameter: | Value | Min | Max | Status |
|---------------------------|-------------------------|---------|--------|--------|--------|
| Free Run Test | Current | 49 | 40 | 105 | |
| Free Run Test | Speed | 3272 | 2100 | 4500 | |
| Free Run Test | Voltage | 11.63 | | | |
| Solenoid Test | Close Test | PASS | | | |
| Solenoid Test | Hold Current | 9.688 | 5.000 | 18.000 | |
| Solenoid Test | Open Test | PASS | | | |
| Solenoid Test | Pull Current | 26.737 | 12.000 | 55.000 | |
| Solenoid Test | Voltage Drop | 2.25 | | 3.00 | |
| Starter Test | Current Max | 466 | | | |
| Starter Test | Direction | CW | | | |
| Starter Test | Power Max | 1279.34 | | | |
| Starter Test | Ripple Current | 11 | | 45 | |
| Starter Test | Torque Max | 13.536 | | | |
| Test Step # 0 At 1500 RPM | Solenoid Voltage Drop | 2.2508 | | | |
| Test Step # 0 At 1500 RPM | Starter Current | 282 | | 500 | |
| Test Step # 0 At 1500 RPM | Starter Power | 1253.39 | | | |
| Test Step # 0 At 1500 RPM | Starter Torque | 7.987 | | | |
| Test Step # 0 At 1500 RPM | Starter Torque Constant | 0.0283 | | | |
| Test Step # 0 At 1500 RPM | Starter Voltage | 9.660 | | | |
| Test Step # 1 At 750 RPM | Solenoid Voltage Drop | 2.2508 | | | |
| Test Step # 1 At 750 RPM | Starter Current | 466 | | 750 | |
| Test Step # 1 At 750 RPM | Starter Power | 1058.23 | | | |
| Test Step # 1 At 750 RPM | Starter Torque | 13.545 | | | |
| Test Step # 1 At 750 RPM | Starter Torque Constant | 0.0291 | | | |
| Test Step # 1 At 750 RPM | Starter Voltage | 8.134 | | | |