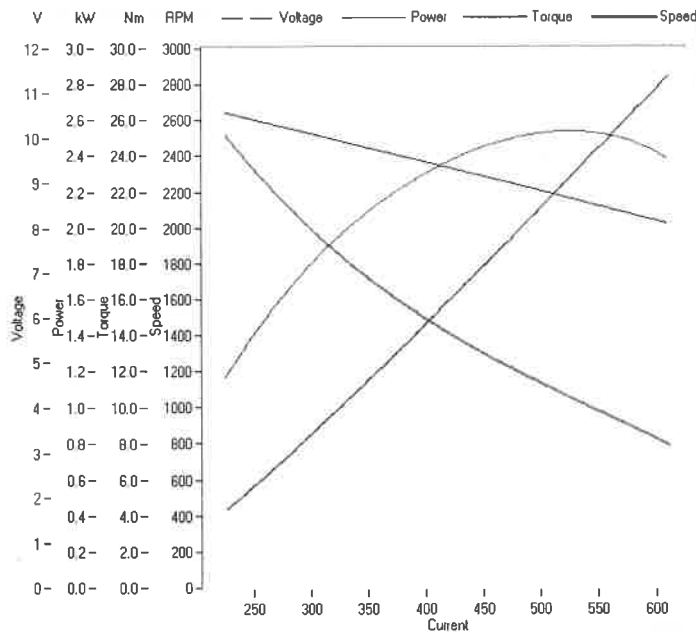




CS1390

PASS

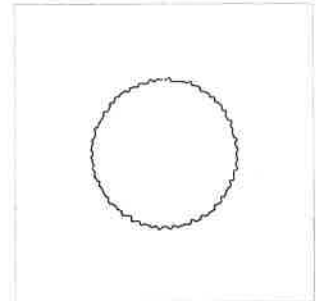
Starter Typ HI
 Starter Model: OSGR
 Rated Power: 2.30 kW
 Rated Voltage: - 12.00 V
 Max Power: 2.54 kW
 Max Torque: 29 Nm
 Max. Ampere 611 Amp



Motor Performance Curve

Battery Resistance:
6.00 mOhms

Commutator / Brush Ripple Pattern



Test	Parameter:	Value	Min	Max	Status
Free Run Test	Current	106	80	135	
Free Run Test	Speed	5275	3000	6000	
Free Run Test	Voltage	12.01			
Solenoid Test	Close Test	PASS			
Solenoid Test	Hold Current	19.079	5.000	25.000	
Solenoid Test	Open Test	PASS			
Solenoid Test	Pull Current	31.135	10.000	60.000	
Solenoid Test	Voltage Drop	0.42		3.00	
Starter Test	Current Max	611			
Starter Test	Direction	CCW			
Starter Test	Power Max	2539.97			
Starter Test	Ripple Current	9		30	
Starter Test	Torque Max	28.550			
Test Step # 0 At 800 RPM	Solenoid Voltage Drop	0.4134			
Test Step # 0 At 800 RPM	Starter Current	611		900	
Test Step # 0 At 800 RPM	Starter Power	2385.30			
Test Step # 0 At 800 RPM	Starter Torque	28.541	25.000		
Test Step # 0 At 800 RPM	Starter Torque Constant	0.0467			
Test Step # 0 At 800 RPM	Starter Voltage	8.094			
Test Step # 1 At Maximum Power	Solenoid Voltage Drop	0.3942			
Test Step # 1 At Maximum Power	Starter Current	527			
Test Step # 1 At Maximum Power	Starter Power	2539.97	2300.00		
Test Step # 1 At Maximum Power	Starter Speed	1058			
Test Step # 1 At Maximum Power	Starter Torque	22.947			
Test Step # 1 At Maximum Power	Starter Torque Constant	0.0435			
Test Step # 1 At Maximum Power	Starter Voltage	8.656			