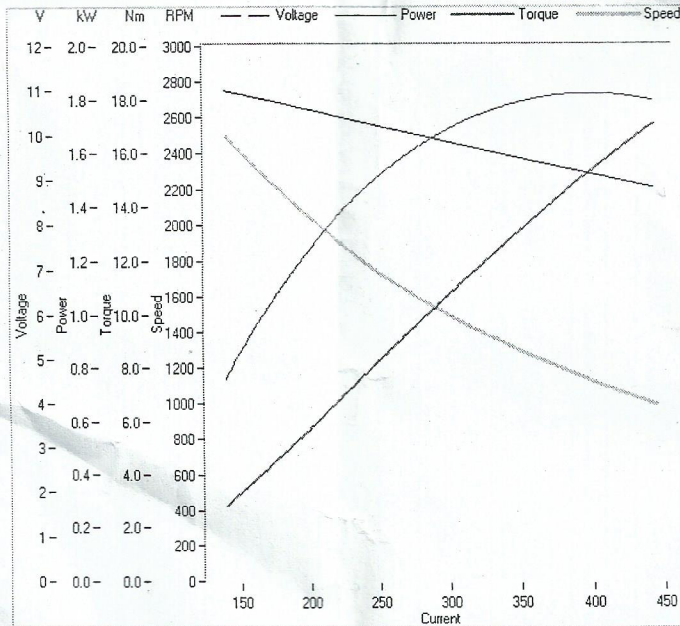
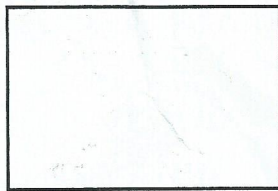




17932N

PASS

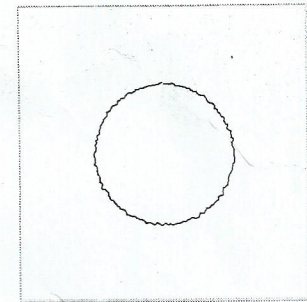
Starter Type MITSUBISHI
 Starter Model: PMGR
 Rated Power: 1.60 kW
 Rated Voltage: 12.00 V
 Max Power: 1.82 kW
 Max Torque: 17 Nm
 Max. Ampere 443 Amp



Motor Performance Curve

Battery Resistance:
7.00 mOhms

Commutator / Brush
Ripple Pattern



Test	Parameter:	Value	Min	Max	Status
Free Run Test	Current	70	30	75	
Free Run Test	Speed	3191	2500	7500	
Free Run Test	Voltage	11.50			
Solenoid Test	Close Test	PASS			
Solenoid Test	Hold Current	9.410	5.000	16.000	
Solenoid Test	Open Test	PASS			
Solenoid Test	Pull Current	36.467	15.000	65.000	
Solenoid Test	Voltage Drop	0.09		0.80	
Starter Test	Current Max	443			
Starter Test	Direction	CW			
Starter Test	Power Max	1823.18			
Starter Test	Ripple Current	7		50	
Starter Test	Torque Max	17.161			
Test Step # 0 At 14.000 Nm	Solenoid Voltage Drop	0.0763			
Test Step # 0 At 14.000 Nm	Starter Current	368		420	
Test Step # 0 At 14.000 Nm	Starter Power	1810.18			
Test Step # 0 At 14.000 Nm	Starter Speed	1233	1000		
Test Step # 0 At 14.000 Nm	Starter Torque Constant	0.0381			
Test Step # 0 At 14.000 Nm	Starter Voltage	9.373			
Test Step # 1 At Maximum Power	Solenoid Voltage Drop	0.0831			
Test Step # 1 At Maximum Power	Starter Current	399			
Test Step # 1 At Maximum Power	Starter Power	1823.18	1600.00		
Test Step # 1 At Maximum Power	Starter Speed	1132			
Test Step # 1 At Maximum Power	Starter Torque	15.385			
Test Step # 1 At Maximum Power	Starter Torque Constant	0.0386			
Test Step # 1 At Maximum Power	Starter Voltage	9.149			