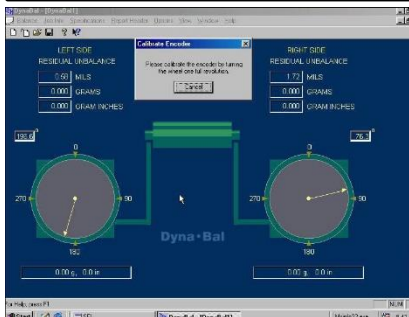


# Can you afford a cheap repair?

A recent EPRI study showed that 26% of motor failures are the result of workmanship issues by the repair center. At American MTS we ensure that you receive a premium quality repair. We want to save our customers money but not by cutting corners on repairs. Some of what sets us apart includes:

- EASA Accredited Member since November of 2014
- Dynamic rotor balancing to ISO G1 standard
- High quality bearings stored in a dust proof, vibration free horizontal orientation
- Detailed Quality Control program for checks & balances
- Extensive, state of the art testing equipment
- Spray welding for shaft repairs to eliminate stresses associated with wire welding
- Bearing fits verified to 0.0001" & repaired if outside of tolerance (no Loctite or knurling)
- Quality exterior housing surface refinishing and rust inhibitor on shafts & machined fits
- Grease fittings capped after painting to help prevent bearing contamination
- Class H insulation & Inverter Duty wire on all rewinds



Test Date	01/18/13	01/22/14	02/03/14	01/14/15	01/20/15
Test Time	11:45:29 AM	01:12:58 PM	02:23:23 PM	04:00:00 PM	03:13:39 PM
Temp Status	Tested	Tested	Tested	Tested	Tested
Temp (°C)	22.3	19.3	20.9	22.3 RH 53%	20.9 RH 70%
Resist Status	PASS	PASS	PASS	PASS	PASS
Bal L1 (Ohms)					
Bal L2 (Ohms)					
Bal L3 (Ohms)					
L1 L2 (Ohms)	1.348	1.177	1.356	1.348 Corr: 1.362	1.356 Corr: 1.377
L1 L3 (Ohms)	1.36	1.176	1.37	1.36 Corr: 1.37	1.37 Corr: 1.39
L2 L3 (Ohms)	1.350	1.175	1.36	1.350 Corr: 1.364	1.36 Corr: 1.38
Max Delta R %	0.890	0.170	1.030	0.890	1.030
Coil 1 (Ohms)	0.669	0.588	0.673	0.669 Corr: 0.676	0.673 Corr: 0.684
Coil 2 (Ohms)	0.68	0.589	0.68	0.68 Corr: 0.69	0.68 Corr: 0.69
Coil 3 (Ohms)	0.681	0.587	0.69	0.681 Corr: 0.688	0.69 Corr: 0.70
MC/AV Status	PASS	PASS	PASS	PASS	PASS
Volts (V)	2500	2520	2500	2500	2500
I(A)	0.25	0.80	0.22	0.25	0.22
Resist	10042	3150	11325	10042	11325
At 40°C	2951	749	3011	2951	3011
PI Status	PASS	PASS	PASS	PASS	PASS
Volts (V)	2520	2520	2500	2520	2500
DA Ratio	2.2	4.6	2.1	2.2	2.1
PI Ratio	2.8	6.7	2.4	2.8	2.4
OC Status	PASS	PASS	PASS	PASS	PASS
Test Type	HPot	HPot	HPot	Step-Voltage	Step-Voltage
Volts (V)	10500	10500	10500	10500	10500
I(A)	1.40	2.30	1.50	1.40	1.50
Resist	7500	4565	7000	7500	7000
At 40°C	2204	1085	1861	2204	1861
Surge Status	PASS	PASS	PASS	PASS	PASS
Peak Volt(V) L1	9360	9360	9360	9360	9360
Peak Volt(V) L2	9360	9360	9360	9360	9360
Peak Volt(V) L3	9360	9360	9360	9360	9360
Max P-F EAR(%)	No Test	No Test	No Test	3.0/3.0/3.0	3.0/3.0/3.0
EAR 1-2/3-1(%)	No Test	No Test	No Test	1/1/0	1/1/0

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1926 N Irby St., Florence, SC 29501  
(704) 989-9399