VOLTAGE 36 ROTATION Reversible BRUSHES 4 POLES 4

VENTILATED Yes FRAME DIAMETER 9-1/4"

LUBRICATION — None required. Prelubricated and sealed ball bearings used at both ends of motor.

FIELD RESISTANCE (77°F/25°C) — .0110 to .0121 ohms measured between terminals S-1 and S-2.

ARMATURE TEST — These armatures have standard winding connections and can be tested on a growler using a metal strip or hacksaw blade to locate shorted windings.

COMMUTATOR — Minimum diameter 2.875". Replace armature when commutator has worn to this dimension.

BRUSH REPLACEMENT — Replace brushes when they have worn to a length of 9/16" or less.

SPRING TENSION — 30 to 36 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the brush spring leaves the brush.

TEST CONNECTIONS

CWDE	CCWDE
Connect A-1 to battery positive	Connect A-2 to battery positive
Connect A-2 to S-1	Connect A-1 to S-1
Connect S-2 to battery negative	Connect S-2 to battery negative

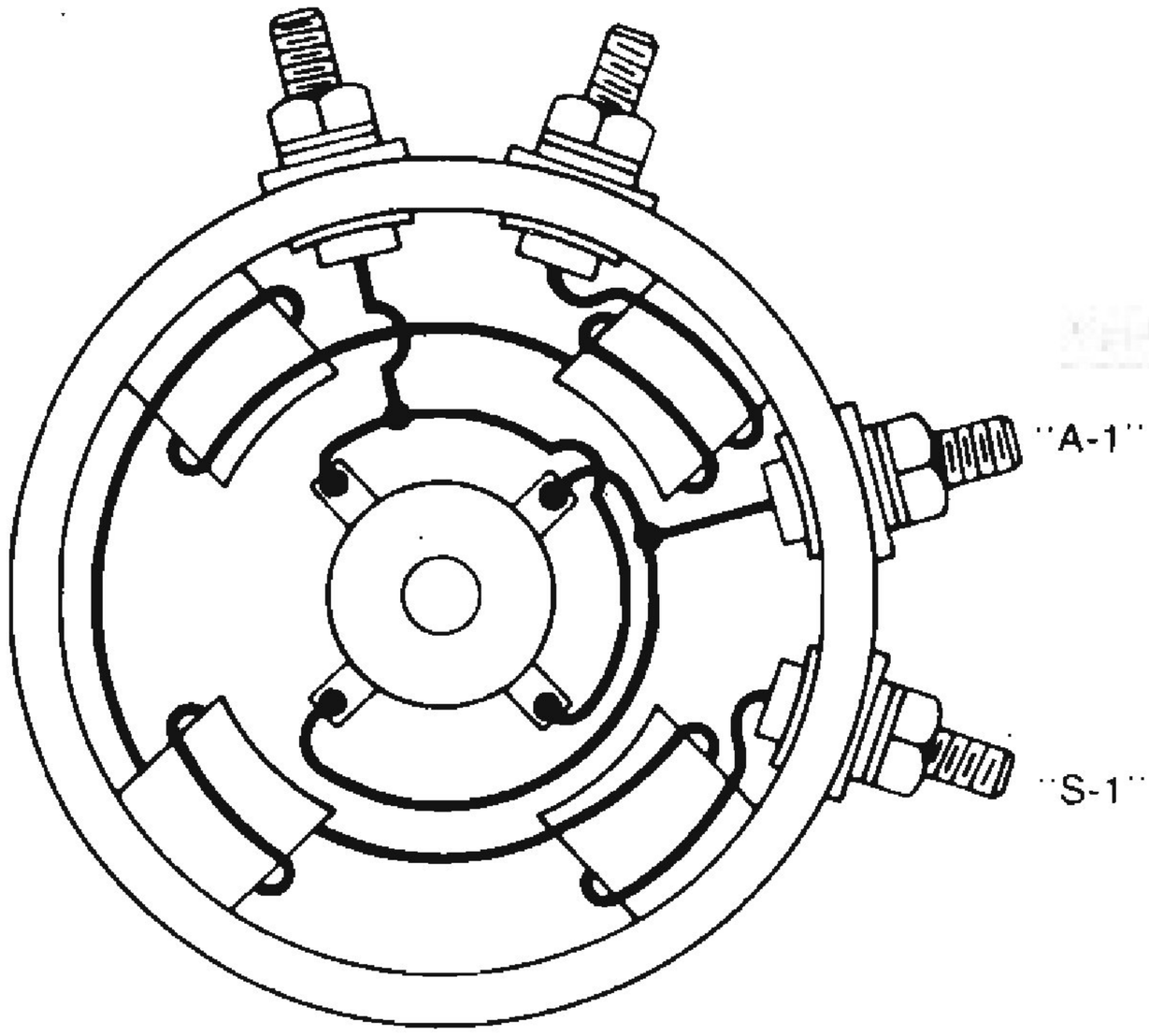
TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	28	2200 Min.	0
Light Load Test	34.95	190	1980 to 2280	15

prestolite.
SERVICE
INFORMATION

UNITS

MNE-4001
MNE-4002
MNE-4003
MNE-4004



Internal Wiring

VIEWED FROM COMMUTATOR END