VOLTAGE 24 ROTATION Reversible BRUSHES 4 POLES 4

VENTILATED Yes FRAME DIAMETER 6-5/8"

LUBRICATION

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

FIELD RESISTANCE (77°)

.0045 to .0050 ohms measured between terminals S-1 and S-2.

ARMATURE TEST

This armature has standard winding connections and can be tested on a growler to locate shorted windings.

COMMUTATOR

Minimum diameter 2.938". 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 spring leaves the brush.

TEST CONNECTIONS

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

TEST SPECIFICATIONS (77°F) Test in both directions of rotation.

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	21	2400 Min.	- 0 -

UNIT	INTERNAL WIRING
MLM-4001,S	Figure 1
MLM-4002,S	Figure 1
MLM-4003	Figure 2

prestolite.
SERVICE
INFORMATION

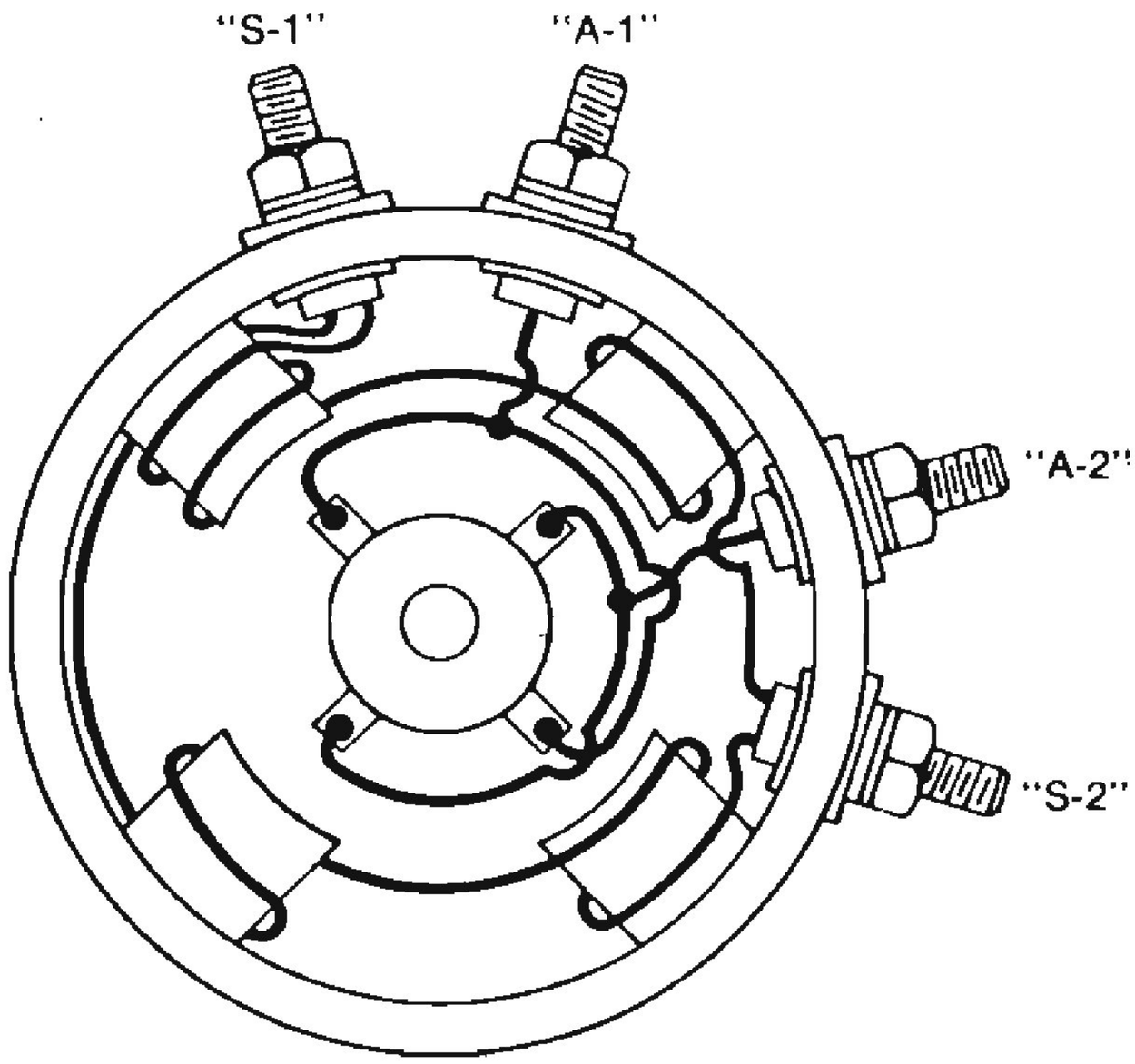


FIG. 1

VIEWED FROM COMMUTATOR END

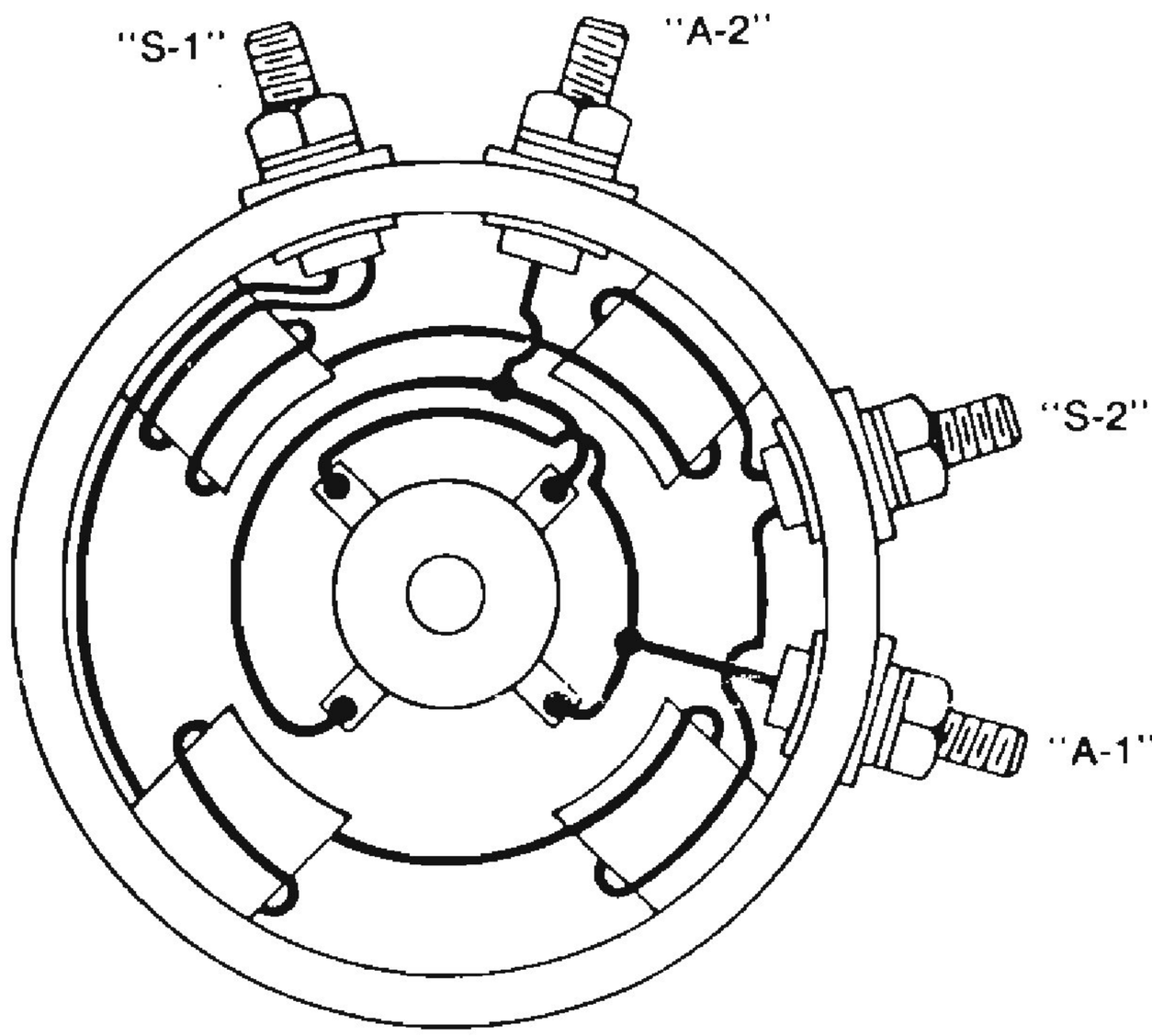


FIG. 2

VIEWED FROM COMMUTATOR END