VOLTAGE 48 ROTATION Reversible BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 7-1/4"

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

FIELD RESISTANCE (77°F/25°C) — .028 to .032 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 2.938". 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 brush spring leaves the brush.

TEST CONNECTIONS

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

TEST SPECIFICATIONS (77°F/25°C) Test in both directions of rotation.

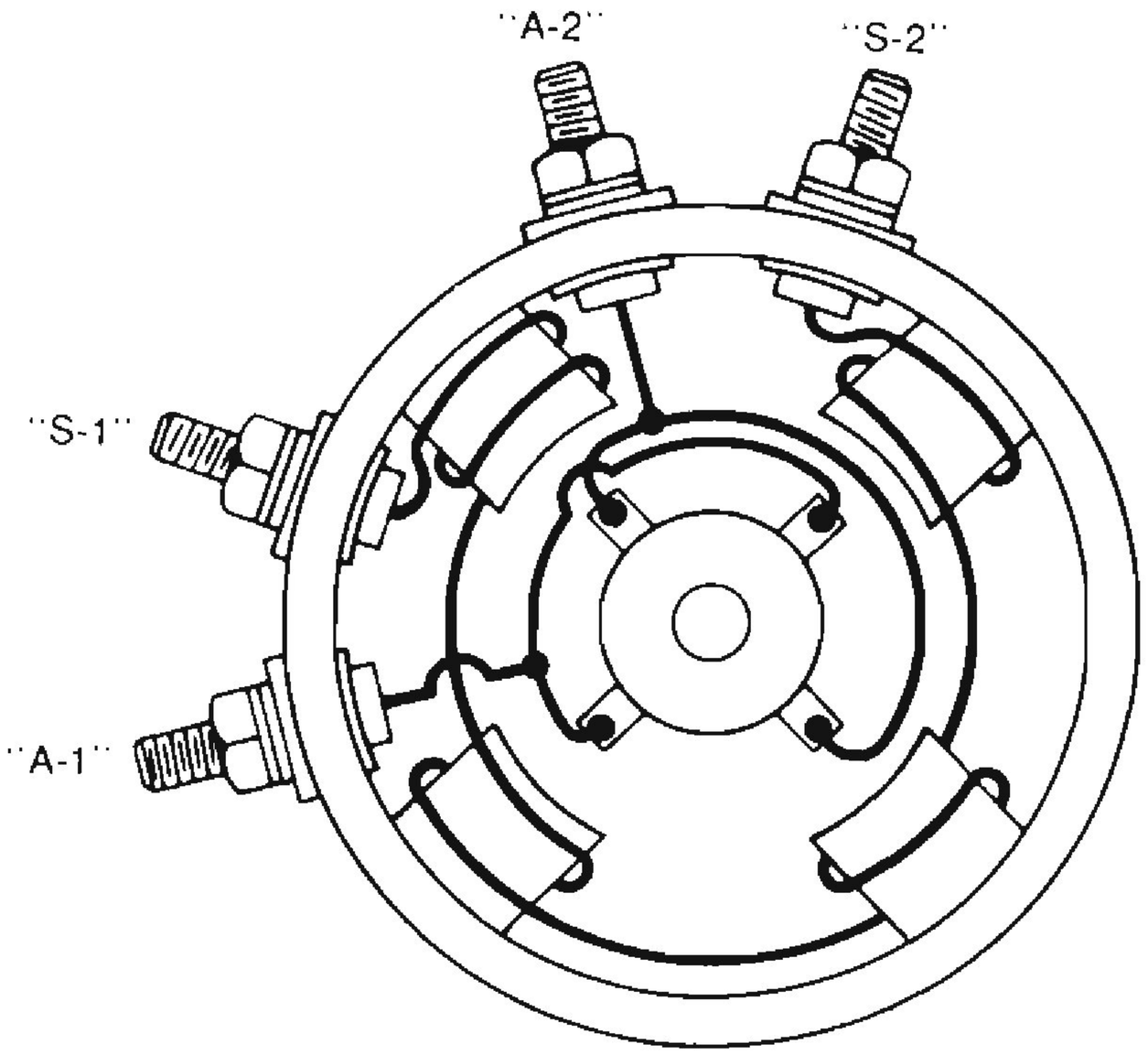
	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	24	3000	- 0 -
Light Load Test	47.0	66	2650 to 2950	5

prestolite

SERVICE
INFORMATION

UNIT

MLH-4001



VIEWED FROM COMMUTATOR END

VOLTAGE 36/48 ROTATION Reversible BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 7-1/4"

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

FIELD RESISTANCE (77°F/25°C) — .0074 to .0078 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 2.938". 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 brush 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 terminal	Connect S-2 to A-2 terminal
Connect A-1 to battery negative	Connect A-1 to battery negative

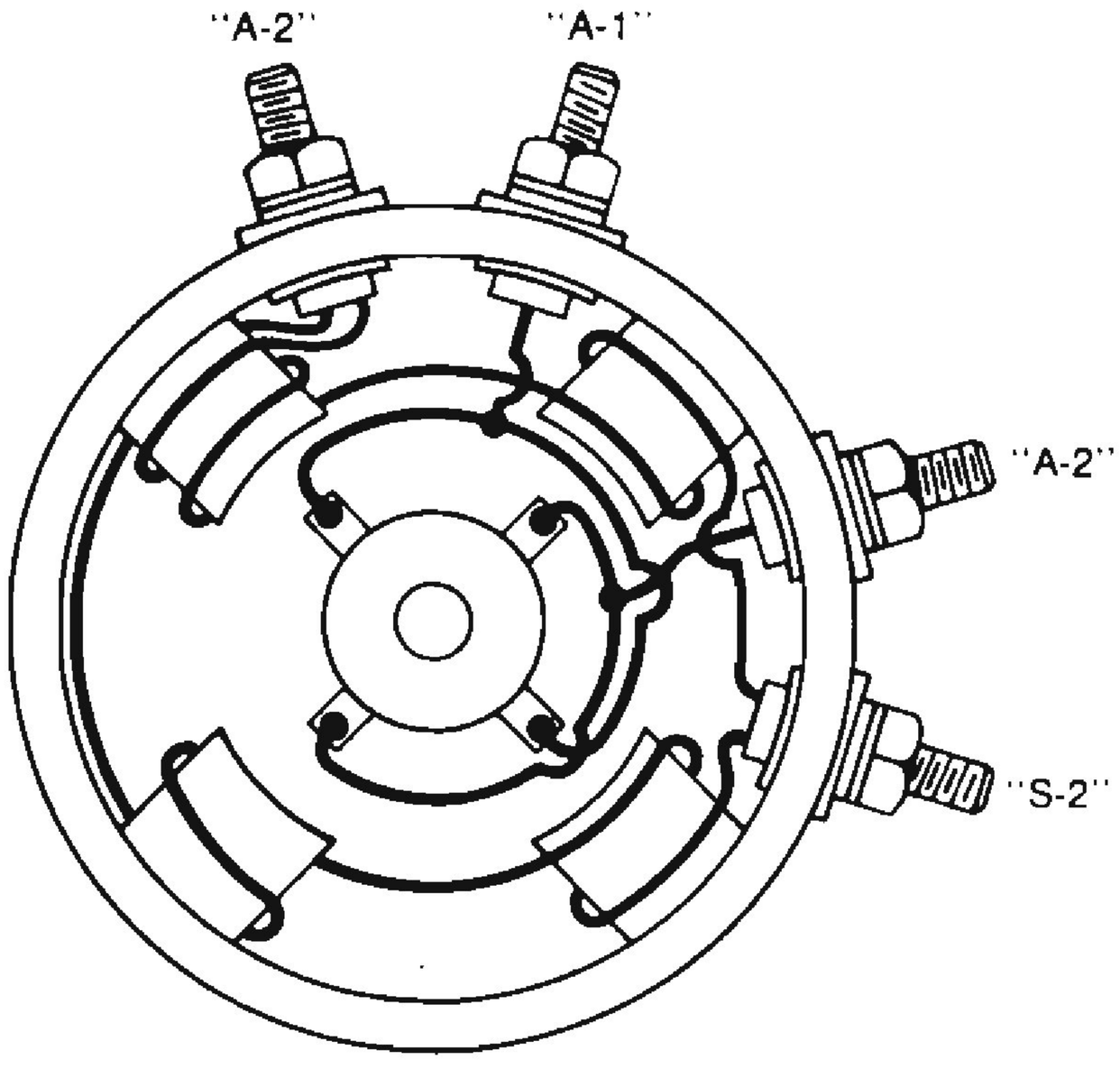
TEST SPECIFICATIONS (77°F/25°C) Test in both directions of rotation.

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	23	2465	- 0 -
Light Load Test	36.4	73	2605/3000	5.0

prestolite.
SERVICE
INFORMATION

UNIT

MLH-4101



VIEWED FROM COMMUTATOR END