VOLTAGE 12 ROTATION Reversible BRUSHES 4 POLES 4

VENTILATED No FRAME DIAMETER 6-1/2"

LUBRICATION	None required. Prelubricated and sealed ball bearings used at both ends of motor.
FIELD RESISTANCE (77°F/25°C)	.0118 to .0132 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 spring leaves the brush.

TEST CONNECTIONS

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

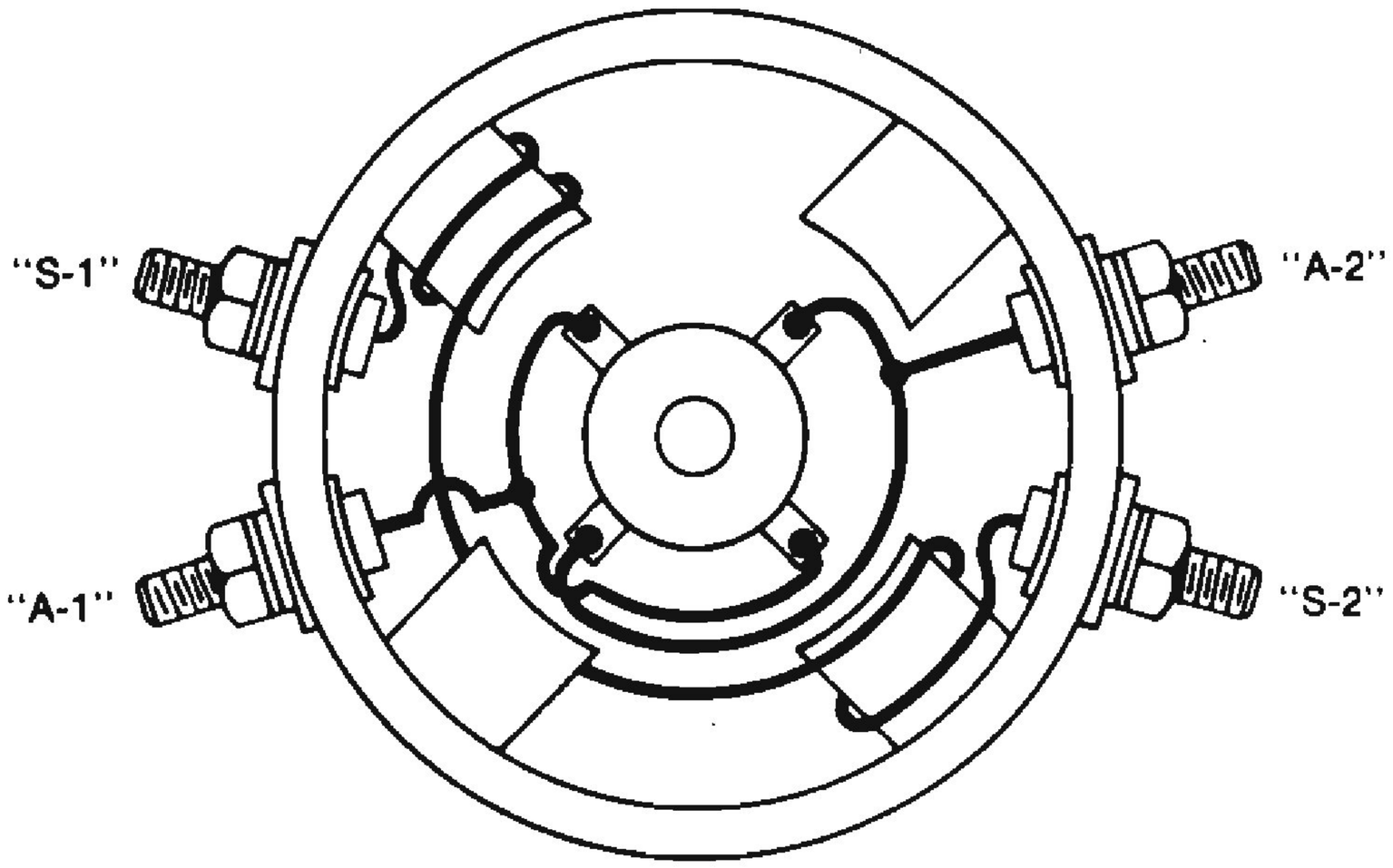
TEST SPECIFICATIONS (77°F/25°C) Test in both directions of rotation.

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	17	2700 Min.	- 0 -
Light Load Test	11.2	45	990 to 1110	2

UNIT

MJV-4001

prestolite.
SERVICE
INFORMATION



VIEWED FROM COMMUTATOR END