VOLTAGE 24 ROTATION CCWDE BRUSHES 8 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°F) .0027 to .0033 ohms measured between terminal "S" and field strap.

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

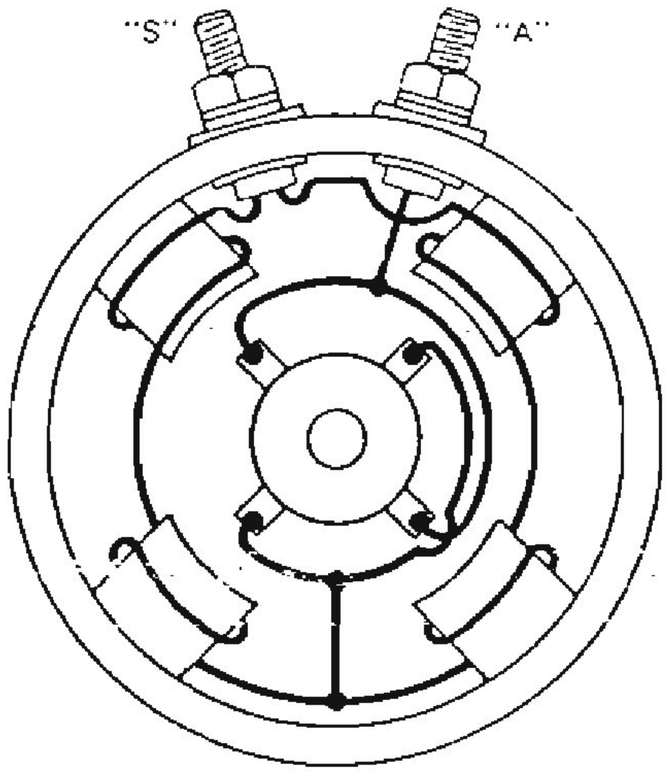
COMMUTATOR Minimum diameter 2.875". Replace armature when commutator has worn to this dimension.

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 SPECIFICATIONS (77°F)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	44	3000 Min.	0
Light Load Test	22.75	165	2550-2950	6.5



INTERNAL WIRING
VIEWED FROM COMMUTATOR END