VOLTAGE 72/80 ROTATION CWDE BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 7-1/4"

LUBRICATION — CE bearing sealed. DE bearing open one side shielded on side toward pump. No lubrication required.

FIELD RESISTANCE (77°F/25°C) — 0.0128 to 0.0138 ohms measured between "S" terminal and brush connecting strap.

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.

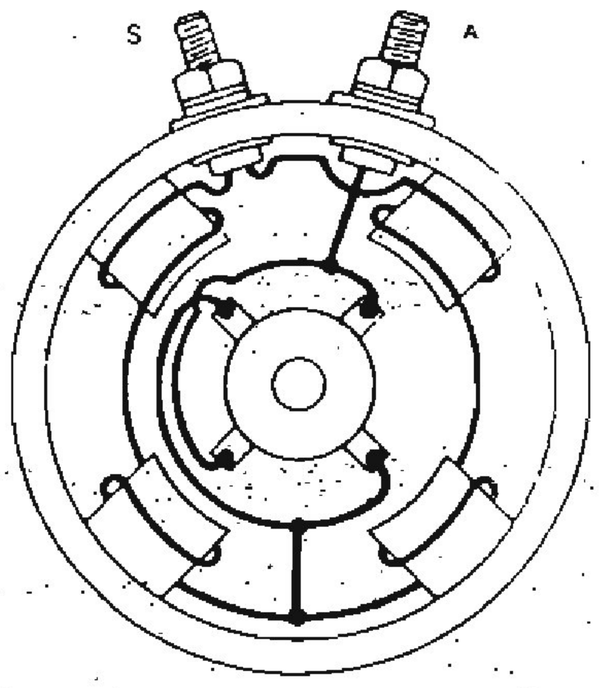
BRUSH SPRING TENSION — 30 to 36 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the spring leaves the brush.

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12.0	20	1700 Min.	0
Light Load Test	66.0	188	2075-2390	30

prestolite.
SERVICE
INFORMATION

Unit
MTM-4001
MTM-4002



VIEWED FROM COMMUTATOR END