VOLTAGE 36/48 ROTATION CCWDE BRUSHES 4 POLES 4

VENTILATED See Tabulation FRAME DIAMETER 5"

BEARINGS — Ball bearings used at both ends of motor.

LUBRICATION — All except MMA-4002 use prelubricated and sealed bearings with no additional lubrication required. Lubricate MMA-4002 D.E. bearing with Chevron SRI #2 or equivalent before assembly.

BRUSH REPLACEMENT — Replace brushes when they have worn to a length of 5/16" or less.

SPRING TENSION — 28 to 34 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.

SHUNT FIELD DRAW (77°F/25°C) — 1.0 to 1.5 amperes at 24 volts.

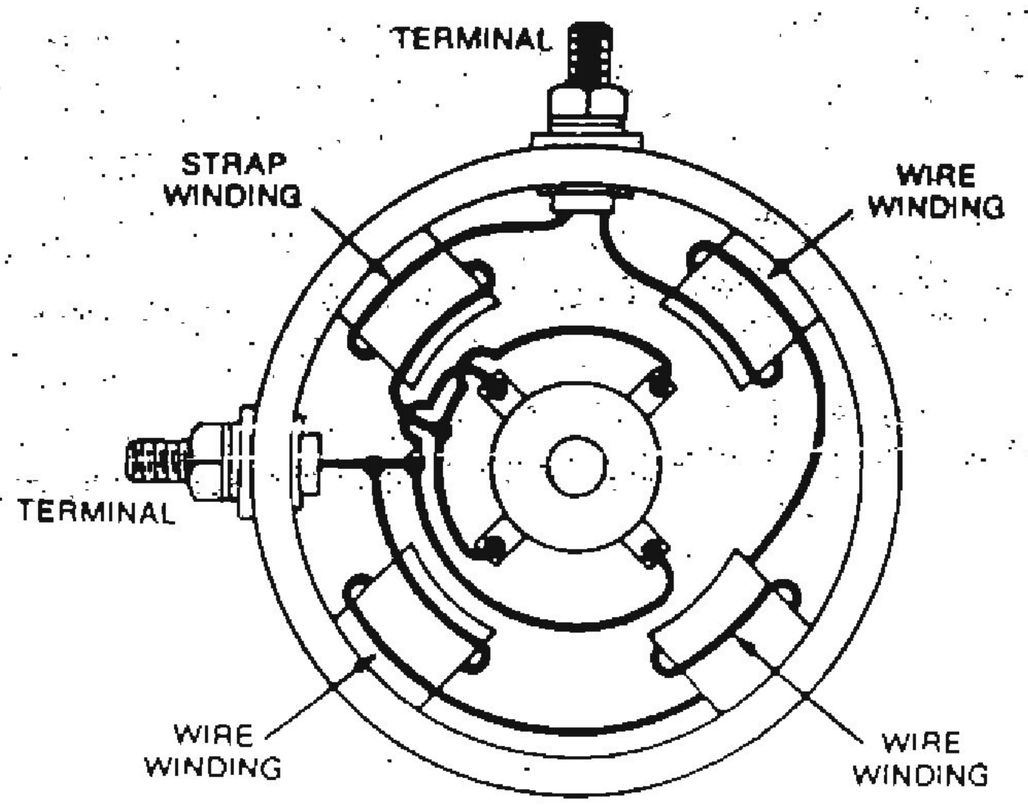
END PLAY — Adjust to .005" minimum with thrust washers at C.E. bearing. Refer to Parts & Equipment List for thrust washer package.

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	5	2400-3000	- 0 -
Stall Torque Test	10	100	- 0 -	4.0

prestolite.
SERVICE
INFORMATION

Unit	Ventilation
MMA-4001	No
MMA-4001A	Yes
MMA-4002	Yes
MMA-4004	Yes
MMA-4005	Yes



VIEWED FROM COMMUTATOR END