VOLTAGE 24 ROTATION CWDE BRUSHES 4 POLES 4

VENTILATED No FRAME DIAMETER 5"

BEARINGS Ball bearings used at both ends.

LUBRICATION Both ball bearings are prelubricated and sealed. No lubrication required.

BRUSH REPLACEMENT Replace brushes when they have worn to a length of 1/4" or less.

SPRING TENSION 25 to 44 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.

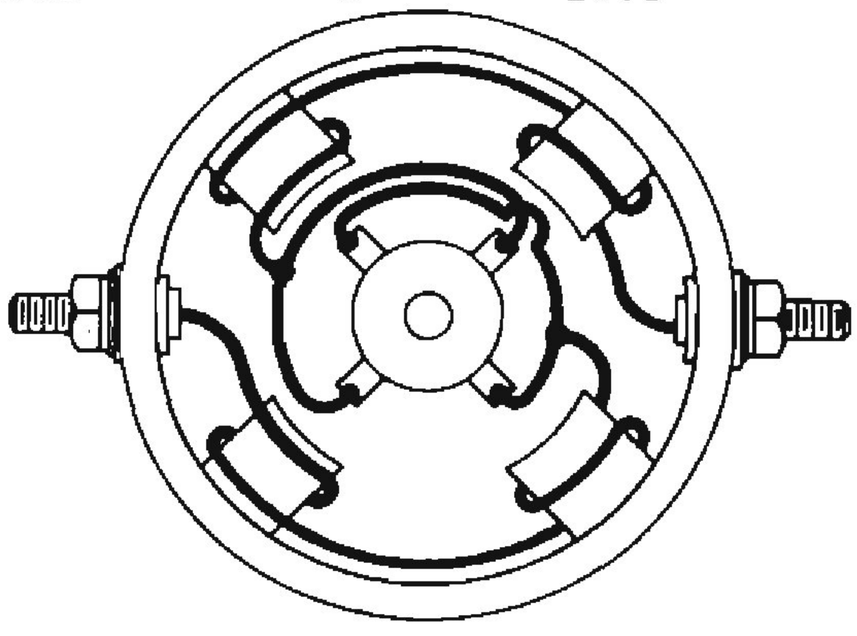
END PLAY Adjust to .005" to .035" with thrust washers between the C.E. bearing and the retaining snap ring. Refer to Parts & Equipment List for thrust washer package.

TEST SPECIFICATIONS ($77^{o}F$)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	22	14	5600 Min.	----
Stall Torque Test	8	115	0	11.5

Unit

MDX-4001



VIEWED FROM COMMUTATOR END

INTERNAL WIRING DIAGRAM