VOLTAGE 12 or 24 ROTATION Reversible BRUSHES 8 POLES 4

VENTILATED See Tabulation 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 3/8" or less.

SPRING TENSION 52 to 65 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 No adjustment necessary.

TEST CONNECTIONS

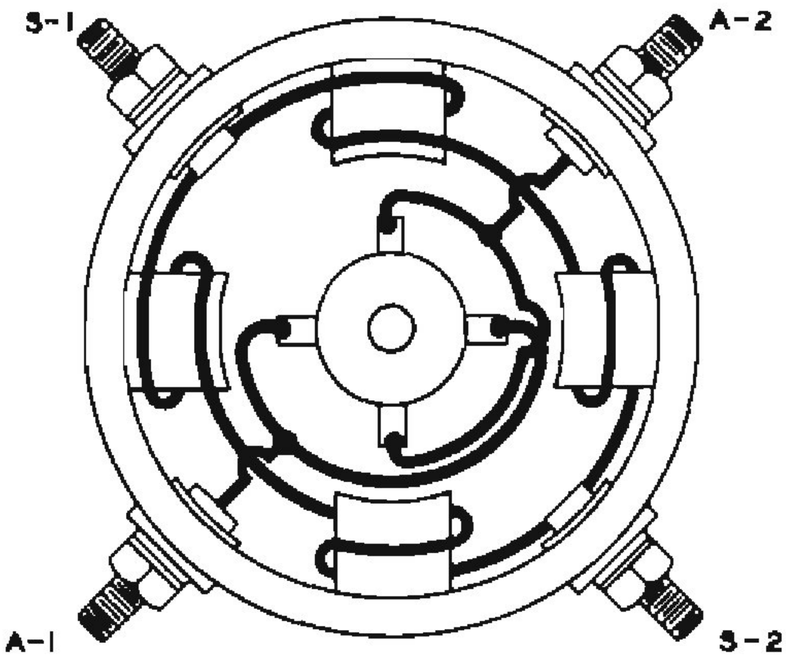
CWDE Rotation	CCWDE Rotation
Connect S-1 to Battery Positive	Connect S-1 to Battery Positive
Connect S-2 to A-1	Connect S-2 to A-2
Connect A-2 to Battery Negative	Connect A-1 to Battery Negative

TEST SPECIFICATIONS (77°F) Test in Both directions of rotation.

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	30	6500 Min.	-----
Stall Torque Test	4	400	0	18

Unit	Ventilated
MFO-4001	Yes
MFO-4002	No

prestolite.
SERVICE
INFORMATION



VIEWED FROM COMMUTATOR END

INTERNAL WIRING DIAGRAM