VOLTAGE 24 ROTATION See Tabulation BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 7-1/4"

LUBRICATION — None required. Prelubricated and sealed ball bearings used at both ends of motor.

FIELD RESISTANCE — (77°F/25°C) .0014 to .0018 ohms measured between terminal "S" and field flexible lead connections.

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.

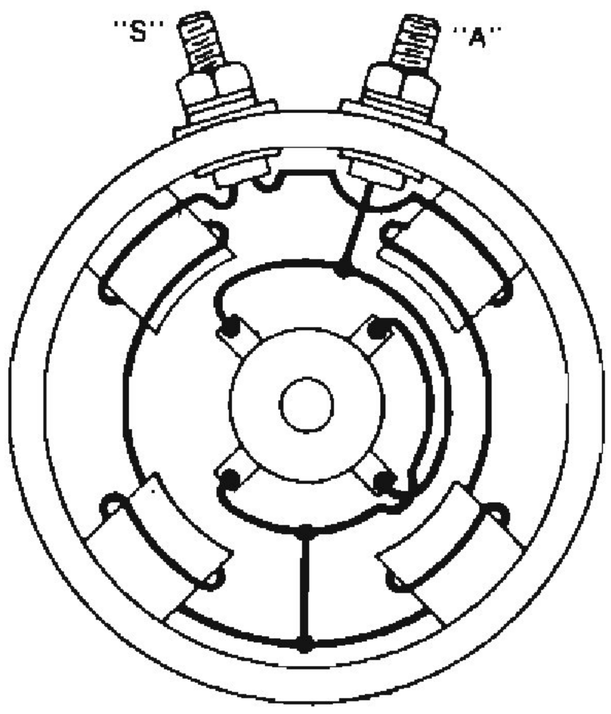
SPRING TENSION — 30 to 36 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the brush spring leaves the brush.

TEST SPECIFICATIONS (77°F/25°C)

	Motor Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	44	3300 Min.	0
Light Load Test	20.4	253	1780 to 2010	14

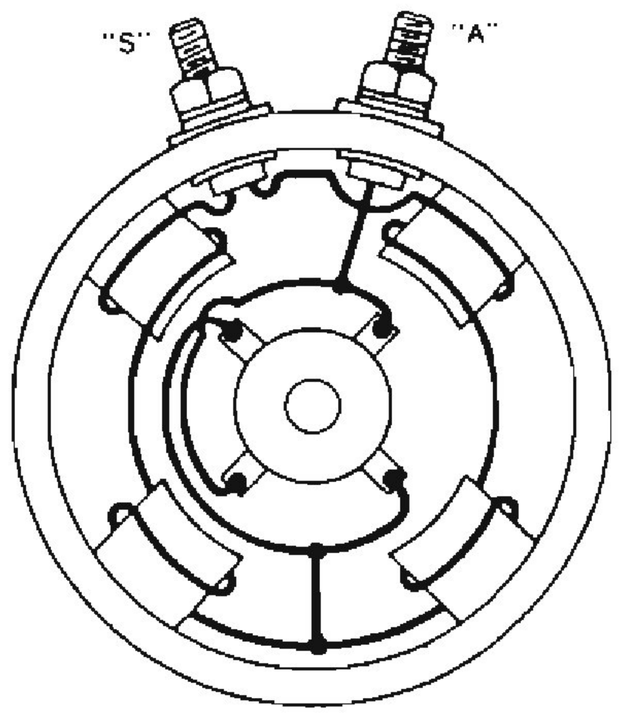
UNIT	ROTATION	INTERNAL WIRING
MTT-4001	CCWDE	Fig. 1
MTT-4002	CWDE	Fig. 2

prestolite.
SERVICE
INFORMATION



VIEWED FROM COMMUTATOR END

FIG. 1



VIEWED FROM COMMUTATOR END

FIG. 2