VOLTAGE 12 ROTATION Reversible BRUSHES 4 POLES 4

VENTILATED No FRAME DIAMETER 4-1/2"

LUBRICATION

None required. Prelubricated and sealed ball bearing used at both ends of the motor.

BRUSH REPLACEMENT

The brushes must be replaced when they have worn to a length of 5/16" or less.

SPRING TENSION

42 to 53 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 a reading just as the spring leaves the brush.

POLE SHOE INSTALLATION

When replacing field coils, install the pole shoes so that the shorter edge is in a clockwise direction when viewed from the commutator end.

END PLAY

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

TEST SPECIFICATIONS

CWDE
Connect Red wire to battery positive
Connect Yellow and Black wire to battery negative
Connect Blue wire to White wire

CCWDE
Connect Red wire to battery positive
Connect Yellow and White wire to battery negative
Connect Blue wire to Black wire

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prestolite.
SERVICE
INFORMATION

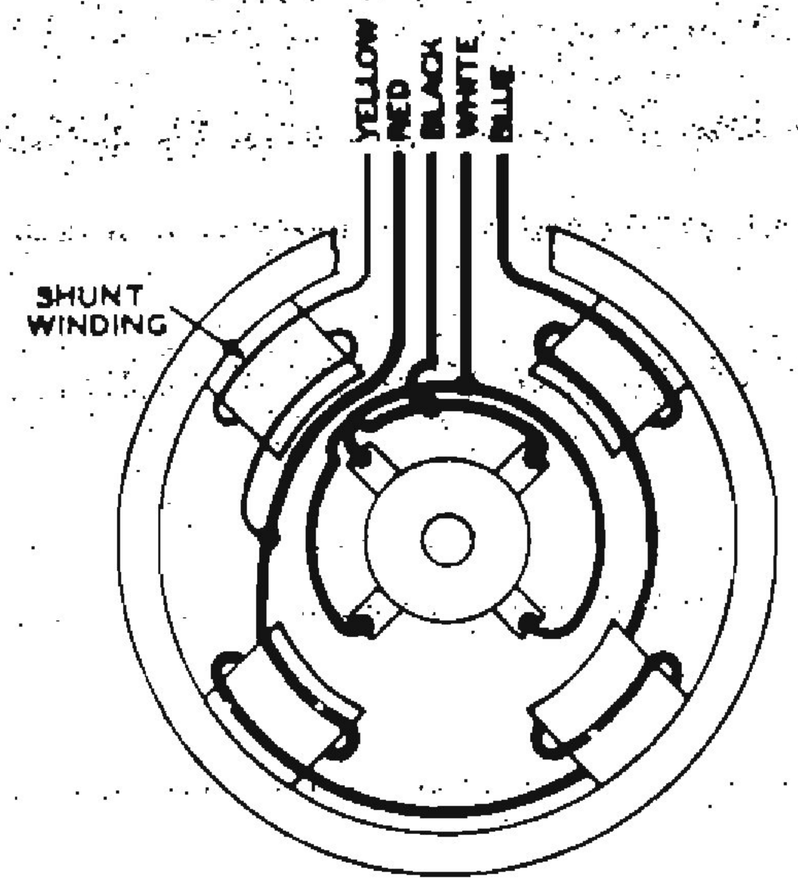
TEST SPECIFICATIONS (77°F/25°C) Test in both directions of rotation.

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	35	1000	-0-
Stall Torque Test	6	72	-0-	4.4

Please note that once this Explosion Proof Motor has been disassembled and repaired, it is no longer considered to be U.L. Listed and/or approved.

Unit

MME-4001
MME-4002
MME-5001
MME-5002



VIEWED FROM COMMUTATOR END