VOLTAGE 24 ROTATION CCWDE BRUSHES 2 POLES 2

VENTILATED See Tabulation FRAME DIAMETER 4-1/2"

BEARINGS — Ball bearings used at both ends.

LUBRICATION — Pack open ball bearings 1/4 to 1/2 full with a good grade ball bearing lubricant.

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.

END PLAY — Adjust to .005" minimum with thrust washers between the commutator end bearing and the end head. Maintain a dimension of .4275 to .4635 from the outside edge of the drive end head to the end of the armature shaft. Refer to Parts & Equipment List for thrust washer package.

SHUNT FIELD DRAW — .72 to .83 amperes at 24.0 volts.

TEST SPECIFICATIONS — ($77^{o}F/25^{o}C$)

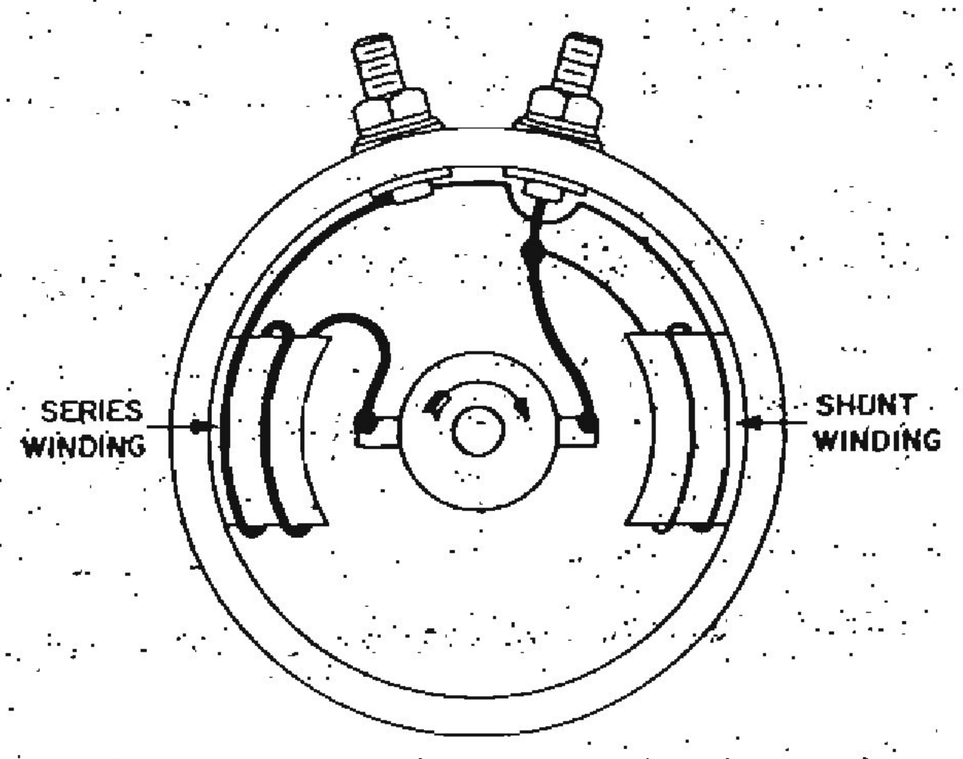
	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	5.5	2000 Min.	------
Stall Torque Test	12	96	-0-	3.9

prestolite.

SERVICE

INFORMATION

Unit	Ventilated
MHG-4001,A	No
MHG-4002	No
MHG-4002A	Yes
MHG-4003	No
MHG-4101,A	Yes



INTERNAL WIRING DIAGRAM