VOLTAGE 36 ROTATION See Tabulation BRUSHES 4 POLES 4

VENTILATED See Tabulation FRAME DIAMETER 5"

BEARINGS Ball bearings used on both ends.

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

BRUSH REPLACEMENT Replace brushes when they have worn to a length of 3/8" or less.

SPRING TENSION 30 to 35 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 bearing retaining snap ring. Refer to Parts & Equipment List for thrust washer package.

SHUNT FIELD DRAW 3.1 to 3.8 amperes at 36.0 volts.

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	20	8.5	2300 min.	- 0 -
Stall Torque Test	8	160	0	12.7

Unit	Ventilated	Rotation	Internal Wiring
MFR-6001	No	CCWDE	Figure 1
MFR-6002	No	CCWDE	Figure 1
MFR-6003	No	CCWDE	Figure 1
MFR-6004	Yes	CCWDE	Figure 1
MFR-6005	No	CCWDE	Figure 1
MFR-6006	Yes	CCWDE	Figure 1
MFR-6007	No	CWDE	Figure 2
MFR-6008	No	CWDE	Figure 2
MFR-6009	No	CWDE	Figure 2

prestolite.
SERVICE
INFORMATION

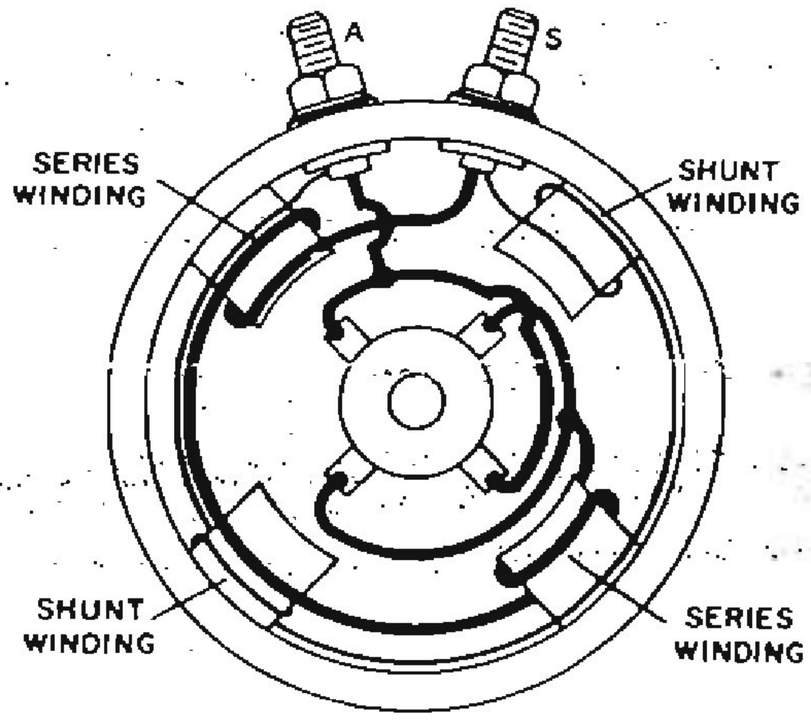


Figure 1

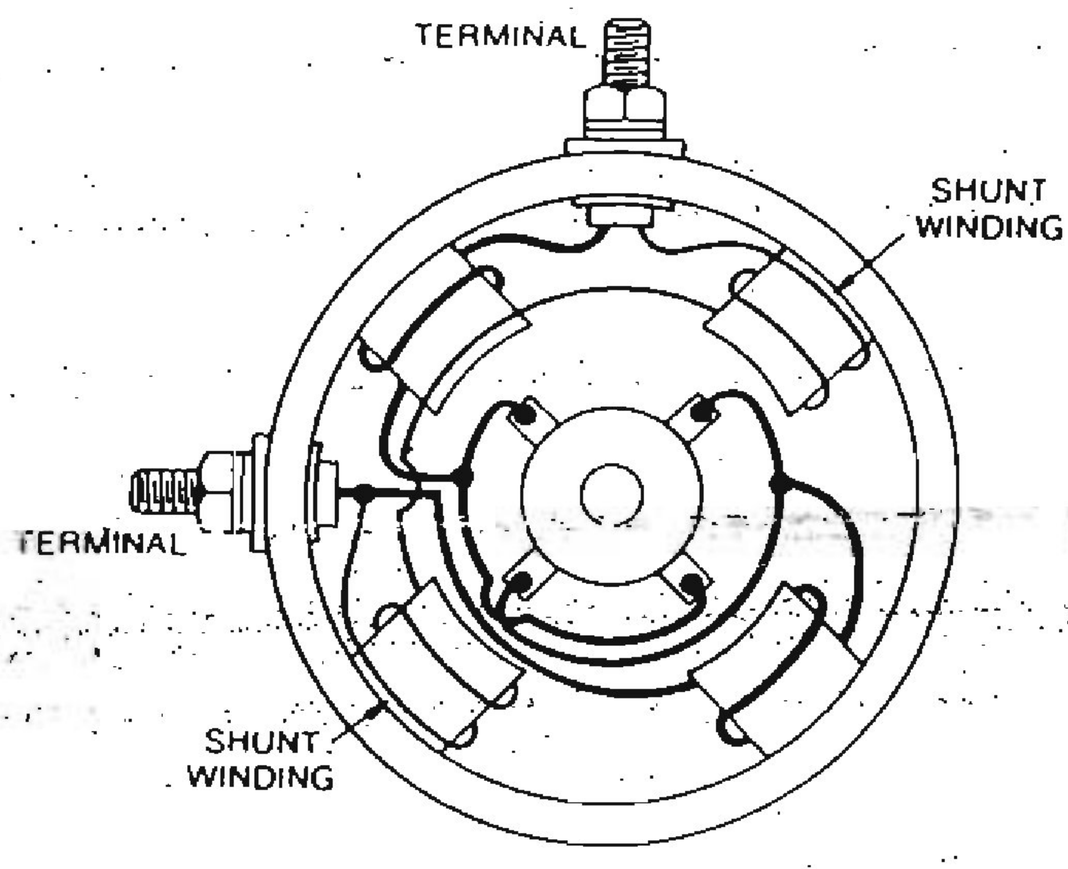


Figure 2

Internal Wiring