VOLTAGE 24 ROTATION Reversible BRUSHES 4 POLES 4

VENTILATED Yes FRAME DIAMETER 5-1/2"

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

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 1.602". Replace armature when commutator has worn to this dimension.

BRUSH REPLACEMENT — Replace brushes when they have worn to a length of 5/16" or less.

SPRING TENSION — 20 to 22 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 CONNECTIONS

CWDE
Connect - negative terminal to battery positive
Connect + positive terminal to battery negative

CCWDE
Connect + positive terminal to battery positive
Connect - negative terminal to battery negative

TEST SPECIFICATION ($77^{\circ}F/25^{\circ}C$) Test in both directions of rotation.

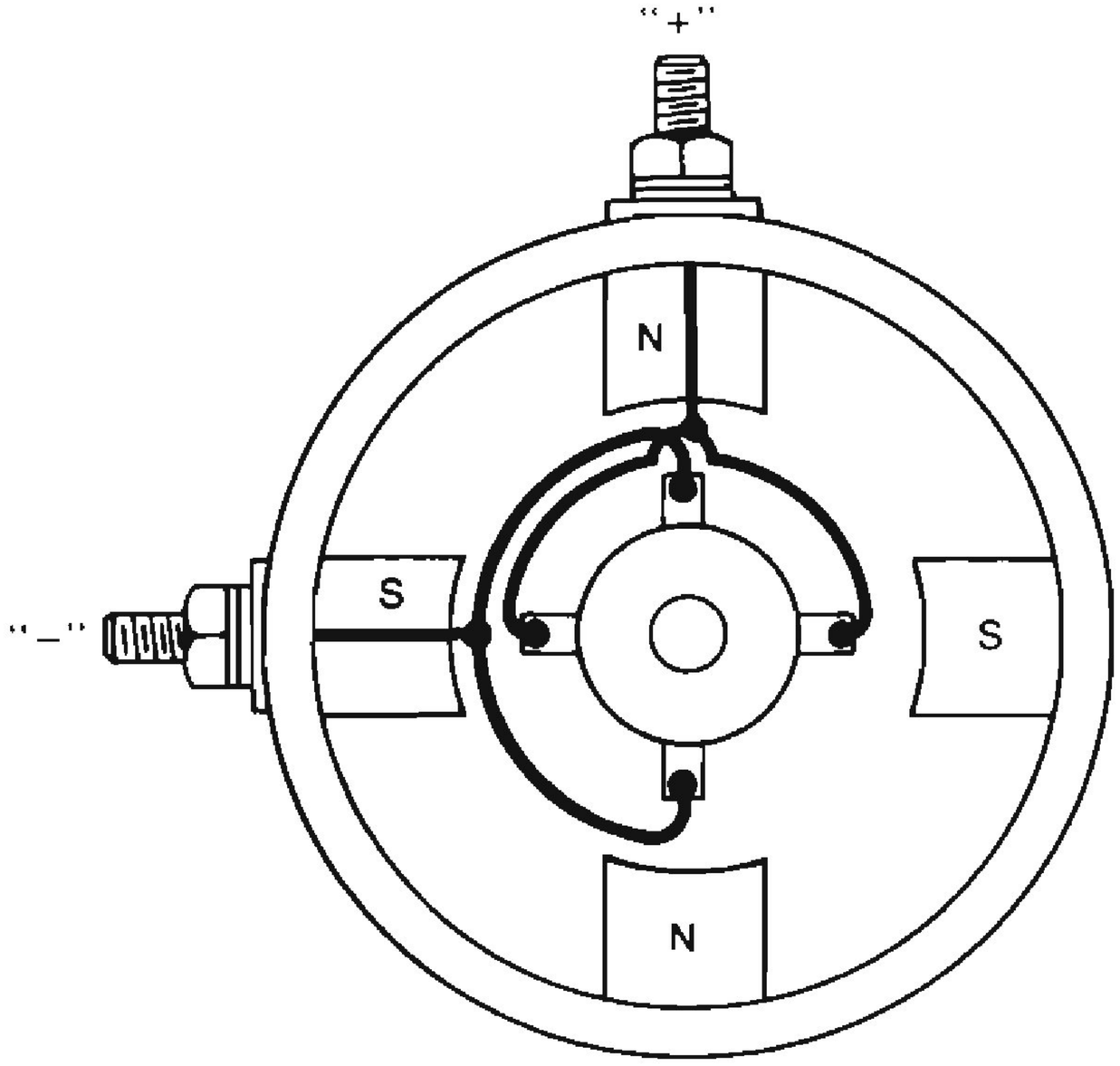
	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	15	3800	- 0 -
Stall Torque Test	6	35	- 0 -	4.75

prestolite.
SERVICE
INFORMATION

UNIT

MPF-4001

Note - Thermal protector not illustrated in wiring diagram.



VIEWED FROM COMMUTATOR END