prestolite SERVICE INFORMATION

MJC

Pump Motors

Issued 3/16/78

VOLTAGE 24 ROTATION CCWDE BRUSHES 4 POLES 4

VENTILATED See Tabulation FRAME DIAMETER 6-1/2"

BEARINGS — Ball Bearings used at 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 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 spring leaves the brush.

END PLAY — No adjustment required. Make sure spring washer is in the commutator end head before assembling motor.

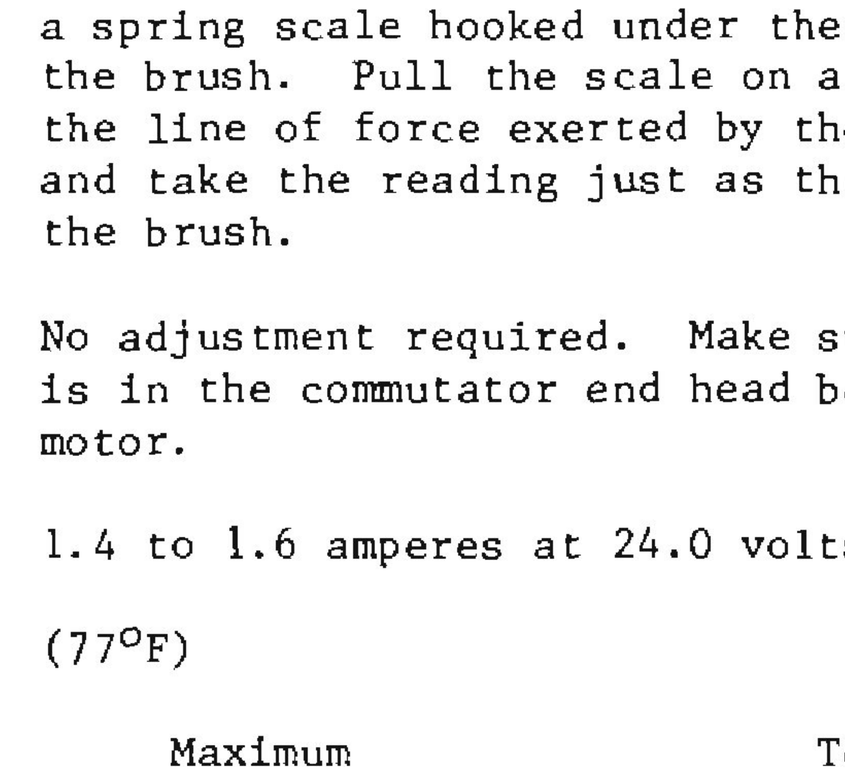
SHUNT FIELD DRAW — 1.4 to 1.6 amperes at 24.0 volts.

TEST SPECIFICATIONS — (77°F)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	11	2240	- 0 -
Light Load or Stall Torque Test	24	40	2130-2340	2

Unit	Ventilated
MJC-4001	No
MJC-4001A	Yes

INTERNAL WIRING DIAGRAM



VIEWED FROM COMMUTATOR END

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