VOLTAGE 24 ROTATION Reversible BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 6-5/8"

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

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.

TEST CONNECTIONS

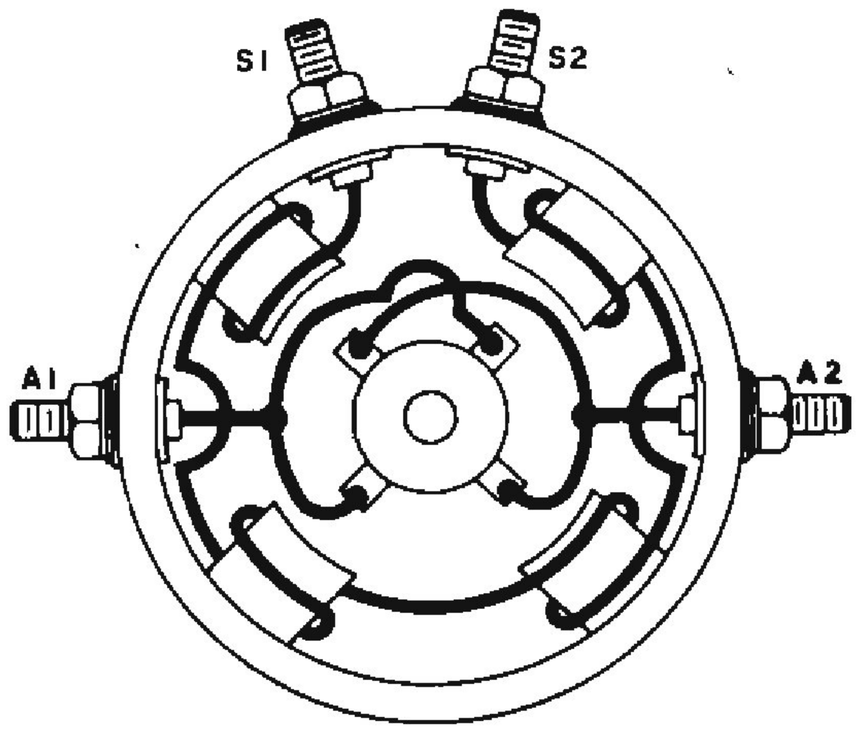
CWDE	CCWDE
Connect S-1 to battery positive	Connect S-1 to battery positive
Connect S-2 to A-1	Connect S-2 to A-2
Connect A-2 to battery negative	Connect A-1 to battery negative

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	6	32	2210 Min.	- 0 -
Light Load Test	22	135	2670/2970	5.0

UNIT

MGE-4005



VIEWED FROM COMMUTATOR END

VOLTAGE 24 ROTATION See Tabulation BRUSHES See Tabulations POLES 4

VENTILATED See Tabulation FRAME DIAMETER 6-1/2"

BEARINGS Ball Bearings used at both ends.

LUBRICATION Both ball bearings pre-lubricated 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 necessary.

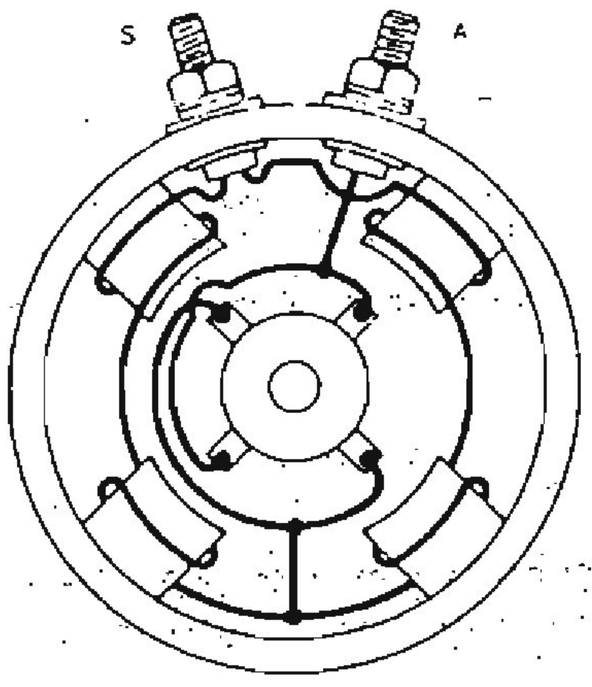
TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	6	32	2210 Min.	- 0 -
Light Load or Stall Torque Test	22	155	2670-2970	5

Unit	Rotation	Ventilated	Brushes	Note
MGE-4001	CWDE	Yes	8	
MGE-4002	CWDE	No	8	
MGE-4003	CWDE	Yes	8	
MGE-4004	CWDE	No	8	
MGE-4006	CWDE	Yes	4	Note 1
MGE-4007	CWDE	Yes	4	Note 1

prestolite.
SERVICE
INFORMATION

Note I: Brushes of different grade must not be intermixed on the same motor.



VIEWED FROM COMMUTATOR END.