VOLTAGE See Tabulation ROTATION CCWDE BRUSHES 4 POLES 4

VENTILATED See Tabulation FRAME DIAMETER 6-5/8"

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

SERIES FIELD RESISTANCE (77°F/25°C) Series coils .0118 to .0132 ohms. Measure between terminal "S" and field strap.

SHUNT FIELD RESISTANCE (77°F/25°C) Shunt coils 26.40 to 29.30 ohms. Measure between terminal "S" and field lead.

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

BRUSH REPLACEMENT The brushes must be replaced when they have worn to a length of 9/16" or less.

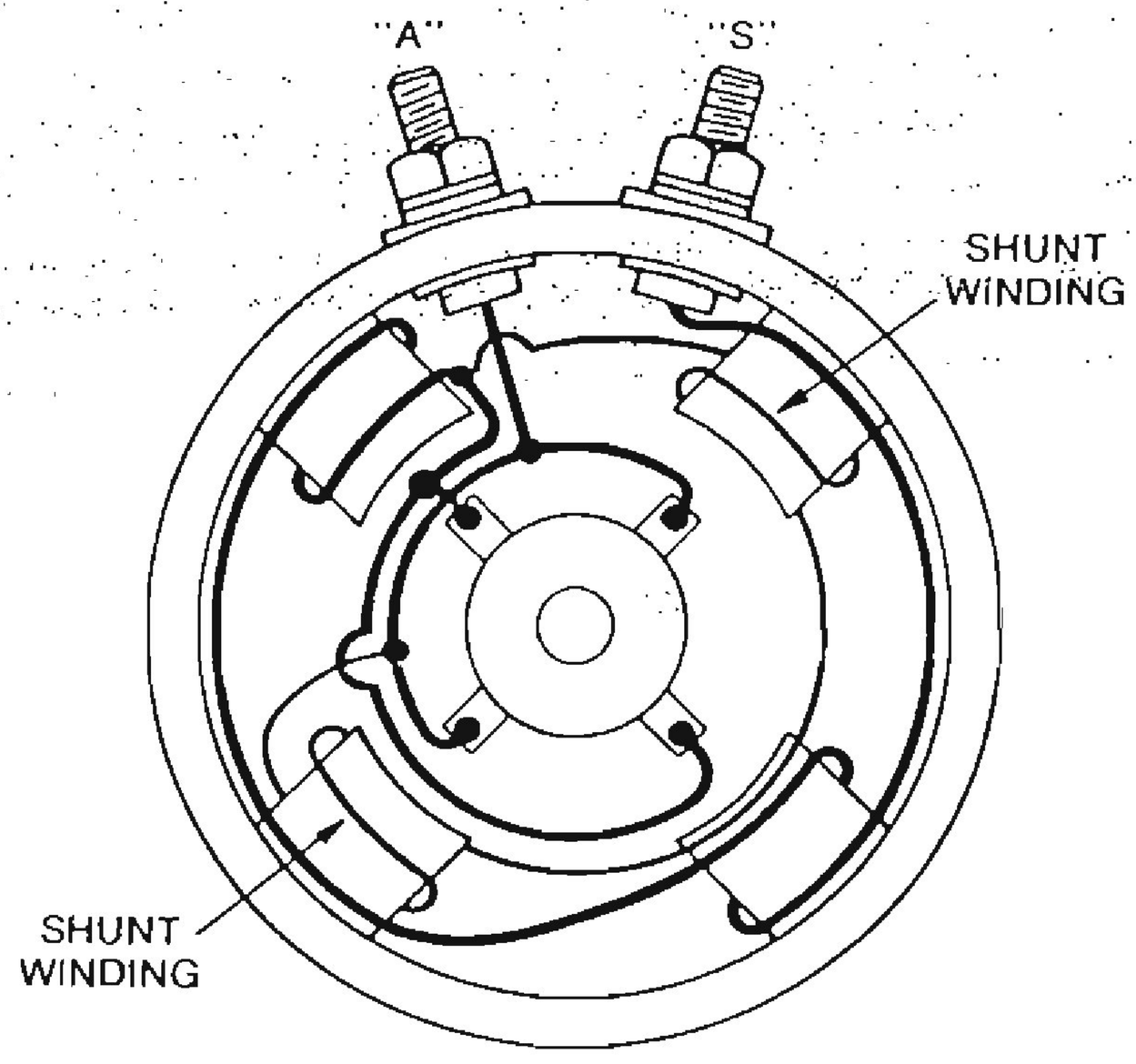
SPRING TENSION 30 to 36 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the spring leaves the brush.

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	36.0	7.0	1700 Min.	0
Light Load Test	36.0	22	1390 to 1610	2.5

prestolite.
SERVICE
INFORMATION

UNIT	VOLTAGE	VENTILATED
MKO-4001	36/48	No
MKO-4002	36/48	No
MKO-4003	36/48	No
MKO-4004	36/48	Yes
MKO-4005	36/48	No
MKO-4006	36	Yes
MKO-4007	36/48	No
MKO-4008	36/48	Yes
MKO-4009	36/48	No
MKO-4010	36/48	No
MKO-4011	36/48	No
MKO-4012	36/48	Yes
MKO-4013	36/48	Yes
MKO-4014,S	36/48	No
MKO-4015	36/48	Yes
MKO-4016,S	36/48	No
MKO-4017	36	Yes



INTERNAL WIRING
VIEWED FROM COMMUTATOR END