These series type motors are reversible, thermally procected and are designed for window or top lift use. Two field coils are used, one for each rotation.

VOLTS 12 ROTATION Reversible POLES 2 BRUSHES 2

BEARINGS Absorbent bronze.

LUBRICATION Bearings are lubricated at assembly and do not need periodic lubrication. At overhaul, lubricate bearings and felts with light engine oil. Drain off excess oil. Do not soak bearings in grease solvent as it will wash all lubrication from bearings and felts.

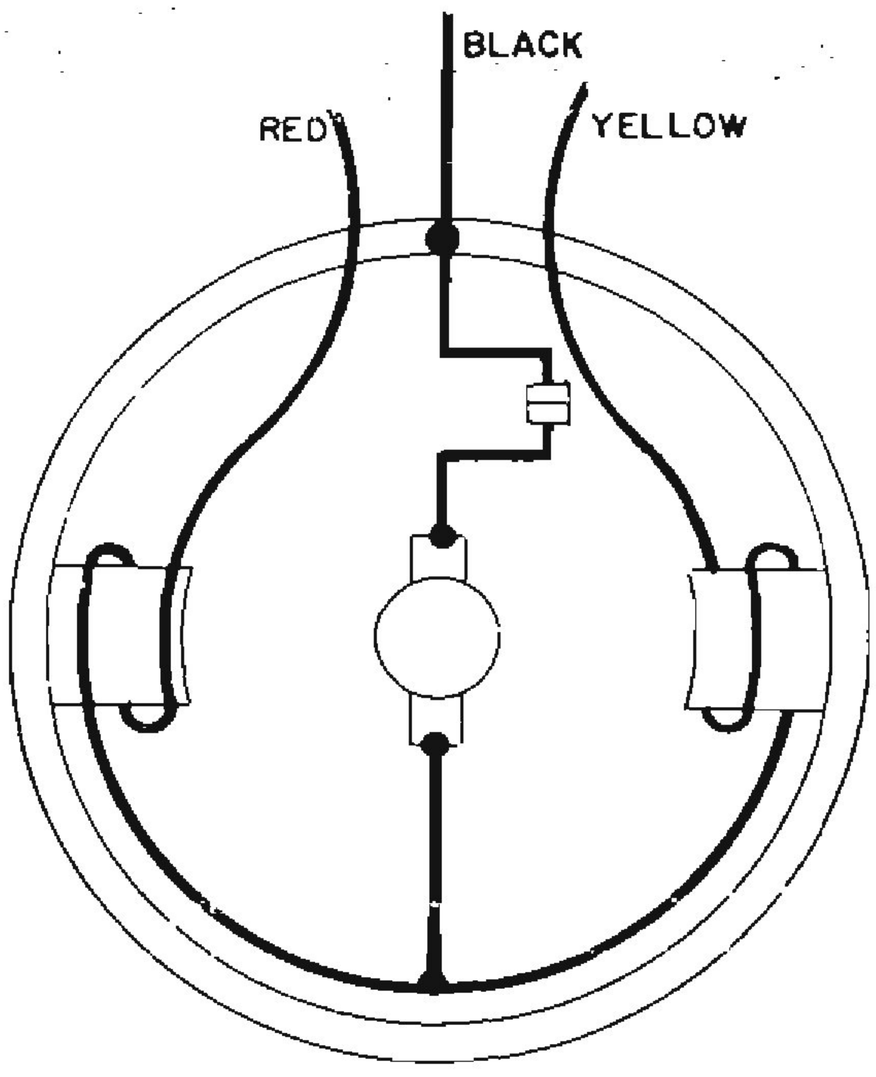
END PLAY .010" - .040" on armature. Adjust by installing thrust washers on armature shaft just inside drive end head. Refer to Parts & Equipment List for thrust washer package.

LOAD TEST 10 volts, 43.5 maximum amperes, 7 oz.ft., 2750 minimum RPM.

WIRING Black lead grounded. Connect red or green/orange stripe wire to battery for CWDE rotation. Connect yellow or blue/orange stripe wire to battery for CCWDE rotation.

UNIT

ESQ-4001,A,B,S
ESQ-4002
ESQ-4005
ESQ-4008
ESQ-4010



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