

SLO-SYN® SYNCHRONOUS MOTORS 5-LEAD and 6-LEAD BIFILAR WOUND MOTORS

Manufactured Under One Or More Of The Following U.S. Patents:
3,206,623; 3,321,651. Patented Canada 1965, 1968.

INSPECTION — Motors should be inspected for visible shipping damage. Note: Because of the strong permanent magnet, the shaft will not turn freely — even on motors without gears.

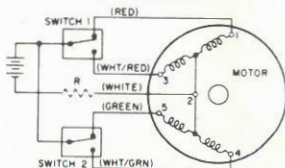
Motors should not be taken apart. Removing the rotor will reduce output torque 5% or more when the motor is reassembled and the permanent magnet will pick up steel chips.

Shielded bearings are used which require no lubrication for the life of the motor.

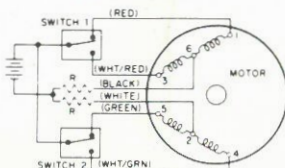
The voltage rating and current per winding are given on the motor nameplate.

Resistors "R" as shown in the diagrams are used to limit current to the value given on the motor nameplate if the supply voltage is higher than the motor rating. Output torque and maximum speed are increased since the L/R time constant is reduced.

**WIRING DIAGRAM
5-LEAD MOTORS**



**WIRING DIAGRAM
6-LEAD MOTORS**



SWITCHING SEQUENCE

STEP	CW ROTATION*	
	SWITCH #1	SWITCH #2
1	1	5
2	1	4
3	3	4
4	3	5
1	1	5

* Direction of rotation when viewed from nameplate end of motor. For CCW rotation read chart up from bottom.

The right to make engineering refinements on all products is reserved. Dimensions and other details are subject to change.



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