

## **BURNISHING**

Burnishing is a wearing in or mating process used to ensure the highest possible output torques. It is accomplished by forcing the clutch or brake to slip rotationally when energized. Best results are obtained when the unit is energized at 30-40% of rated voltage and forced to slip for a period of 2-3 minutes at a low speed of 100-200 rpm. Units in applications involving high inertial loads and speed will usually become burnished in their normal operating mode. Whenever possible, it is desirable to perform the burnishing operation in the final location so the alignment of the burnished faces will not be disturbed.