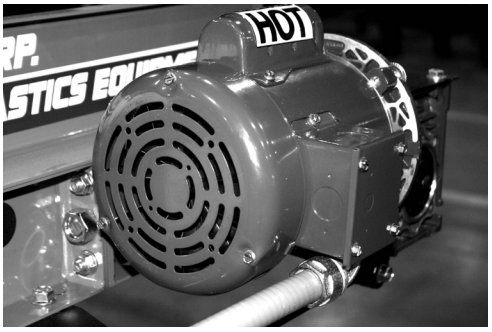
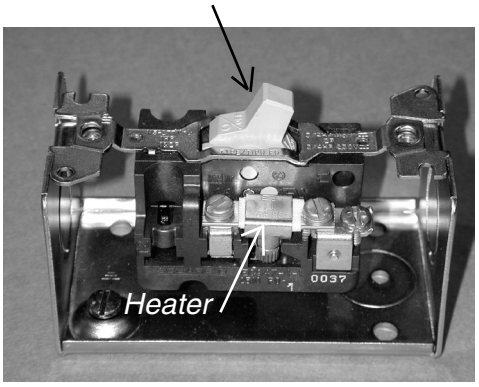
Motor

(Fig. 65)



The standard motor is TEFC (Totally Enclosed Fan Cooled). The TEFC motor must have all dust and dirt blown out of the fan periodically to prevent poor air circulation. (Fig. 65)

(Fig. 66)



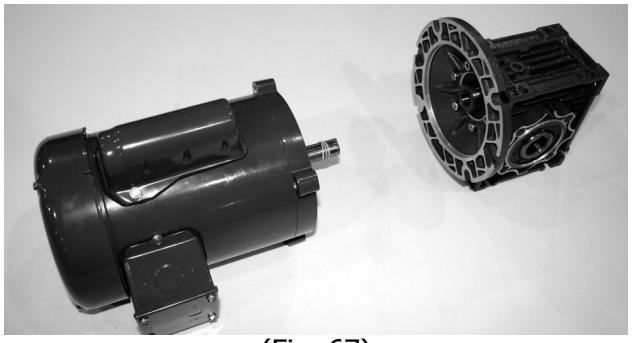
Good air circulation around all motors is required to prevent overheating. The motor uses Class B insulation. Temperature will not affect the life of the motor as long as the electrical current to the motor does not exceed the nameplate rating. This is a standard industrial-use motor. The motor is protected with a current-sensitive heater in the motor starter that shuts the conveyor off if the motor becomes too hot. If the heater in the switch should trip, push the switch to the "off" position to reset, and turn the switch back on. This only pertains to an FG-5 or FG-6 switch. (Fig. 66)

WARNING:

When the equipment is installed, be sure that the motors rotate in the proper indicated direction. Failure to follow this caution could result in personal injury or equipment damage.

Motor Installation

Instructions for Flanged Models



(Fig. 67)

1. Assemble the key to the motor shaft and coat the shaft with anti-seize com pound. Insert the motor shaft into the reducer input shaft. (Fig. 67)

(Fig. 68)

2. Rotate the motor to proper position and firmly secure to flange with four hex-head capscrews. (Fig. 68)

⚠ CAUTION

If motor does not readily seat itself, check to determine if key has moved axially along motor shaft, causing interference. Staking of the keyway adjacent to the motor key will facilitate this procedure.