

Electric Motor Kit

311613 rev. A

To install electric motor on E-Flo™ Plus Electric Circulation Pump.

255225 Electric Motor Kit

230/460V, 5 HP Motor

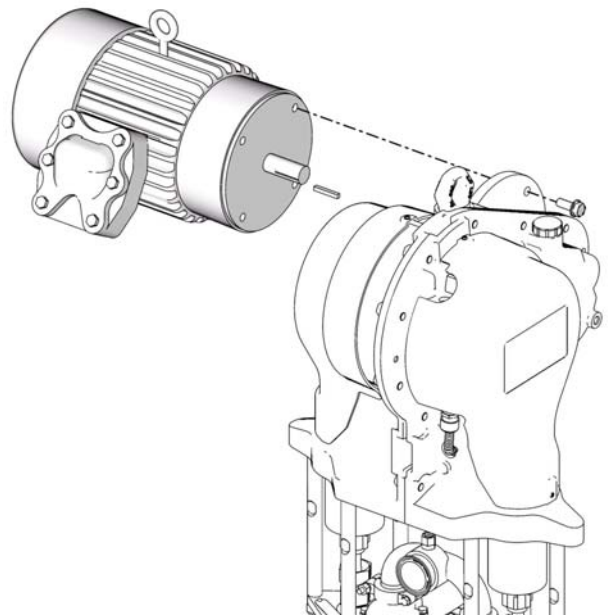
255226 Electric Motor Kit

230/400V, 5 HP Motor



Important Safety Instructions

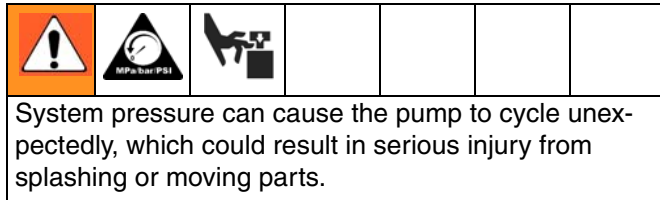
Read all warnings and instructions in this manual and in E-Flo Plus Repair-Parts manual 311594. Save these instructions.



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Pressure Relief Procedure



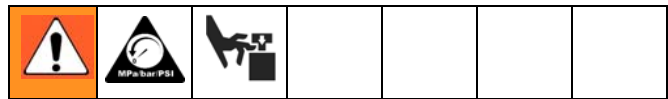
1. Set START/STOP switch to STOP.
2. Push in SECURE DISABLE switch.
3. Open the back pressure regulator and all fluid drain valves in the system, having a waste container ready to catch drainage. Leave open until you are ready to pressurize system again.
4. Check that pressure gauges on fluid supply and return lines read zero. If gauges do not read zero, determine cause and carefully relieve pressure by VERY SLOWLY loosening a fitting. Clear obstruction before pressurizing system again.

Kit Parts

Ref. No.	Part No.	Description	Qty
19a	n/a	MOTOR, electric, 5HP, 230/460V; included with 255225 Kit	1
19b	n/a	MOTOR, electric, 5HP, 230/400V; included with 255226 Kit	1
36	120710	KEY, square; 0.25 x 1.75 in.	1
37	111195	SCREW, cap, flange-head; 1/2-13 x 1.25 in. (31 mm)	4

Parts designated n/a are not available separately.

Installation



1. Relieve pressure, page 2.
2. Shut off electrical power to the unit.
3. Apply antiseize lubricant to the bore of the motor coupler.
4. Lift the motor (19) into position. Align the key (36, FIG. 1) on the motor shaft with the mating slot of the motor coupler, and the four mounting holes with the holes in the gear reducer (1). Slide the motor into place.
5. While one person supports the motor (19), install the screws (37). Torque to 75-80 ft-lb (102-108 N•m).

Table 1: Electric Motor Specifications

Motor Kit Part No.	Voltage	Phase	Supply Frequency	Horsepower	rpm	Full Load Torque
255225	230/460V	3	60 Hz	5	1800 (4 pole)	15 ft-lb (20.3 N•m)
255226	230/400V	3	50 Hz	5	1500 (4 pole)	15 ft-lb (20.3 N•m)

△5 Torque to 75-80 ft-lb (102-108 N•m).

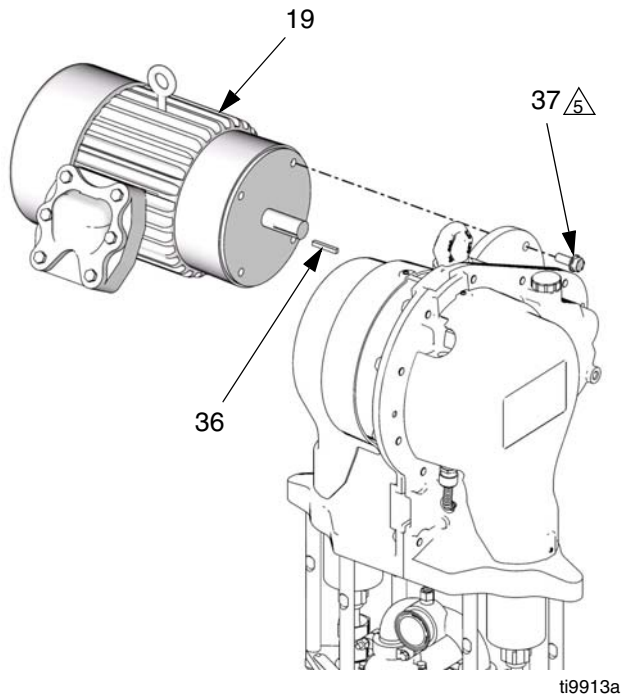


FIG. 1. Motor Installation

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