



Closed Coupled Centrifugal Pump Kits

IMPORTANT: This pump kit is to be assembled by qualified personnel only.

All necessary pump components are included in the kit furnished. For proper assembly follow these instructions:

1. Mount Shaft Sleeve onto motor shaft using sealant included in Sleeve Kit. Apply sealant to complete circumference of shaft to insure watertight seal.
2. Slide Water Slinger over Shaft Sleeve and locate near the Sleeve edge closest to the motor.
3. Mount the Motor Bracket Assembly to motor using motor bracket capscrews.
4. Press seal insert in Motor Bracket Assembly. Moisten the inner diameter of the seal assembly with soapy water and press seal firmly in place. Carbon seal face must be tight against the ceramic insert. Apply small end of tapered spring on seal.
5. Make certain that the impeller has been properly cut to size for required GPM and feet of head and balanced. Balance Spec: for 3500 RPM .007 oz-in/lb. of Rotation Mass; for 1750 RPM .014 oz-in/lb. of Rotation Mass. Slide impeller into motor shaft until it bottoms against the shaft sleeve shoulder. Install Impeller Key in slot. Fasten the impeller using (1) capscrew, (1) internal lockwasher and (1) large impeller washer. Make certain that the capscrew is tightened to 18-20 foot pounds on 1" shaft motors and 40-44 foot pounds on 1 1/4" motors.
6. Mount the Volute Gasket and Volute to the motor bracket assembly using the Volute Capscrews.
7. Recheck all exposed capscrews for tightness.
8. Complete all nameplate data and affix to Volute.
9. Affix Installation Operation & Service Instructions to pump.

