
Proper Impeller Installation

Shimming the impeller to attain proper clearances is required.

- A. With Inducer - the keyed shims provided are placed between the impeller and the hole shot inducer.
 - B. Without inducer – If no inducer is being used, the round shims go against the shaft in front of the impeller.
1. Assemble entire pump with NO shims to start. The pump assembly should lock up.
 2. Remove impeller and add .005 shims at a time until you get an interference fit meaning the impeller will barely turn by hand.
 3. Next, remove the impeller and add .025 shims.
 4. Lubricated wear ring, and impeller threads/nut
 5. Final Install the impeller and nut.

This will result in proper impeller clearance of .025 to .030.

If you have questions, please call us.

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