

Palma de Mallorca a 1 febrero de 2007

## W Motor Replacement Kit

**Situation:** The motor replacement for S series vacuum and T series discharge pumps has changed to a new W series motor. This new motor is significantly quieter than the previous Leeson motor. However, the new motor also requires our latest bellows assembly (which has been in use for one year on vacuum pumps only).

The reason for this requirement is that the new W-motor, when connected to an older bellows assembly, creates a potential interference within the pump body.

Older bellows are longer and wider which will generate a knocking sound as the pump operates.

**Solution:** To prevent interference between the bellows and pump body, the old bellows must be replaced with the new-style bellows when replacing the old S motor with a W motor.

**Vacuum pumps** made in 2005 or before must replace the bellows assembly when replacing the motor with the new W motor. All **discharge pumps** made before November 2006 will also require the newer bellows assembly.

A complete kit has been created which contains the W motor, bellows assembly and eccentric with the brass shoulder bolt. The part number for the complete kit is **385311423** for 12VDC or **385311424** for 24VDC.



Previous Leeson S Motor



New W Motor



Old and New bellows



Complete kit with W Motor