INSTALLATION & MAINTENANCE POINTERS

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- The Omega flex element is the sacrificial component of the drive system and has a *finite life*. Replacement of the flex element is required periodically.

- The actual service life of the flex element received will depend upon the severity of the application and environmental conditions. In general, a properly sized element which is stored and operated under normal conditions should obtain a minimum of 6 to 8 years of service life after the date of manufacture. A manufacturing date sticker is applied to each element.

- After the coupling has been in operation for some time, a “torsional set” may develop in the flex element (up to 1/4” on a size E40, even more on larger sizes). For ease of assembly/disassembly, elements should be reinstalled in the same “position of rotation” in which they were removed.

- Do not replace just one half of the element, as matching an older and newer half element could create both torsional and balance inconsistencies. Always install both half elements from the same box, as they are weight matched and packaged in pairs for optimum field balance and smooth operation.

- Capscrews have self-locking patches which should not be used more than twice. Capscrews can be further used if a thread locking adhesive is applied. Replacement capscrew kits are also available.

- Do not lubricate or apply “anti-seize” to capscrews.

- Do not use where the ambient temperature exceeds 200°F. Refer to application service factor adjustment (see Omega Catalog #4000) if above 150°F.

- Do not use where direct elastomer contact with strong acids and alkalies, aromatic hydrocarbons (such as toluene), phosphates, or certain synthetic oils is likely.

- Do not use on turbines if the coupling cannot be protected from steam leakage or from speeds in excess of the coupling’s published rating (see Omega Catalog #4000).

- Do not select coupling based on bore size alone. The application service factor/torque requirement must be considered (see Omega Catalog #4000).

- Do not use on applications in which both connected pieces of equipment are reciprocating (i.e. engine to reciprocating compressor).

- Be sure to upgrade the selection service factor if the driver is reciprocating (i.e. gasoline or diesel engine).

- For acceptable operating conditions, equipment should be aligned within .005 inches T.I.R. (total indicated runout) at 3600 RPM or .015 inch T.I.R. at 1800 RPM (equipment should be at normal operating conditions to account for thermal growth, pipe strain, and base plate expansion).

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