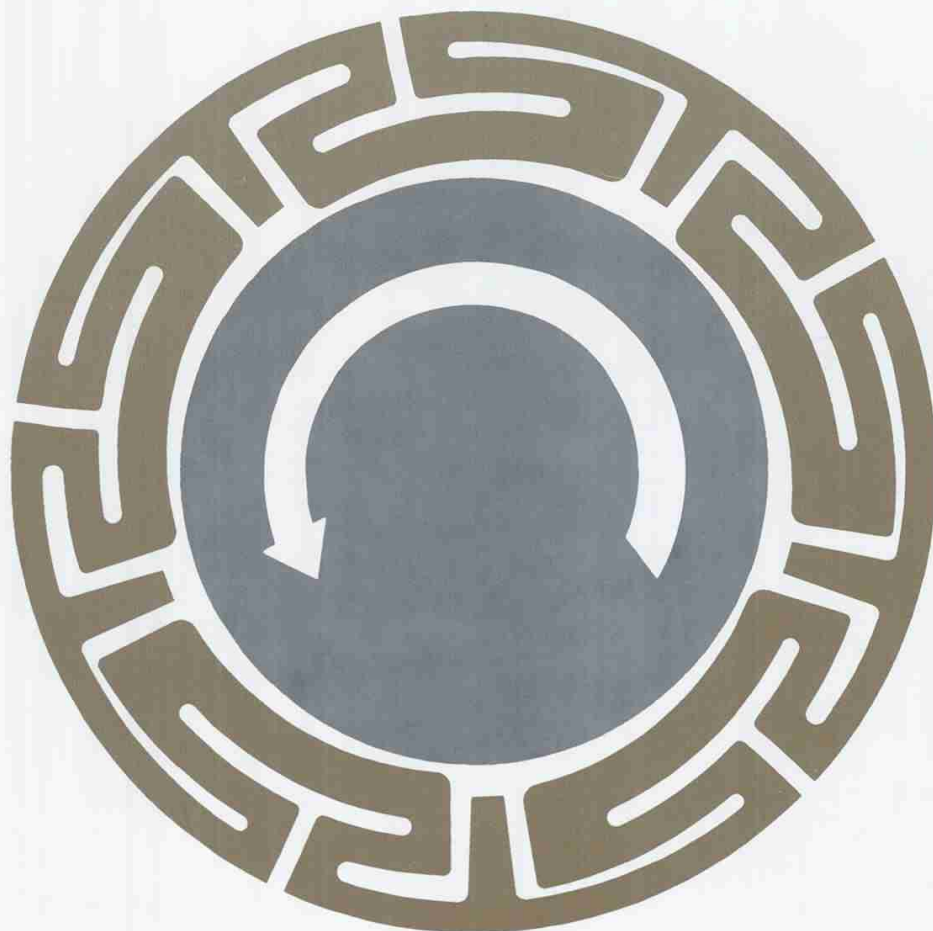


**A Breakthrough in Bearing Technology:
The Revolutionary Deflection Pad.**



DP Bearing Series

KMC

U.S. Patent Nos. 4,676,668
4,496,251



Thrust Bearing

The Deflection Pad

A REVOLUTIONARY NEW CONCEPT IN BEARING TECHNOLOGY

The "DP" Bearing features:

- ▶ High Load Capacity
- ▶ High Speed Stability
- ▶ Accurate Shaft Location
- ▶ Low Viscosity Lubricant Capability
- ▶ High And Low Temperature Capability
- ▶ Low Sensitivity To Lubricant Contaminants
- ▶ Unlimited Choice Of Materials
- ▶ Excellent Start/Stop Capabilities
- ▶ Low Power Consumption
- ▶ Extended Life

When you need more from your equipment or product, try our cost effective THRUST or RADIAL "DP" Bearing. Engineered to suit any size or application.



Radial Bearing

"DP" Bearing Series

TECHNOLOGY THAT OFFERS YOU A COMPETITIVE ADVANTAGE.

The extraordinary performance is provided by the unique pad support structure that allows the pads to deflect at start-up to form a hydrodynamic wedge shape that carries heavy loads on a thin fluid film. Inward pad movement during wedge formation virtually locks the shaft into position and provides exceptional high speed stability. Because pad

deflection occurs at instantaneous start-up, the "DP" Bearing may be used in frequent off/on, as well as, in continuous operation. Since metal-to-metal contact is eliminated, wear and power consumption are extremely low. Load carrying capacity has exceeded 4000 psi, but will vary depending on lubricant type and temperature.