Look to EDT for solutions to high temperature bearing problems.

The two big challenges to bearings operating in high heat locations are lubrication and expansion. EDT offers Poly-Round® bearings specifically for ovens and other high heat installations that:

- Require NO grease
- Accommodate shaft expansion with fixed and “floating” styles readily available

Consider Poly-Round® bearings for applications from 200°F / 94°C to 1,000°F / 540°C operating at low to moderate speed, regardless of moisture, wash-down, heating mechanism (infrared, direct or indirect-fired, air impingement, wood fired, gas or electric), hot / cold or on / off cycles.
Poly-Round® and Radial Poly-Round® oven bearings are proving their value on ovens made by these manufacturers

APV-Baker, Babbco, Casa Herrera, Gemini, Heat and Control, JBT-Stein JSO, Lawrence, MIWE and others

Contact EDT for assistance with bearings operating in all kinds of high temperature environments, including tunnel or batch ovens, smoke houses, proofers, furnaces, kilns, dampers, kettle or batch fryers, steamers or blanchers, retorts, bagel boilers, autoclaves, branders, dryers, etc.

Advantages of Poly-Round® Bearings in High Temperatures

- **Greaseless**
  - Eliminate labor for maintaining grease
  - Eliminate cost of materials for maintaining grease
  - Eliminate process contamination from grease
  - No unsightly bearings from grease melting out of the bearings

- **No rust - materials are corrosion resistant**

- **Less maintenance due to solid construction parts (no rolling elements)**

- **Predictable wear allows scheduled maintenance**

- **No lost parts or pieces in a catastrophic failure**

- **Plane bearings are self-lubricating**

- **Replace only worn components**

EDT offers a choice of housings depending on visual, sanitary & operational requirements

Let EDT Sweat The Details: Complete a Bearing Design Checklist for selection assistance

Bookmark it! edtcorp.com/docs/bearing-design-checklist.pdf