

# EDT Corp: Bearings for Extreme Environments



When the environment is harsh, turn to **EDT**. EDT bearings work in locations where other bearings fail. They're excellent for washdown, moisture, temperature, contaminant and abrasive environments. And they're proven in incomplete or intermittent shaft rotation applications. **Applied Industrial Technologies** and EDT...providing you with solutions for your most challenging environments.

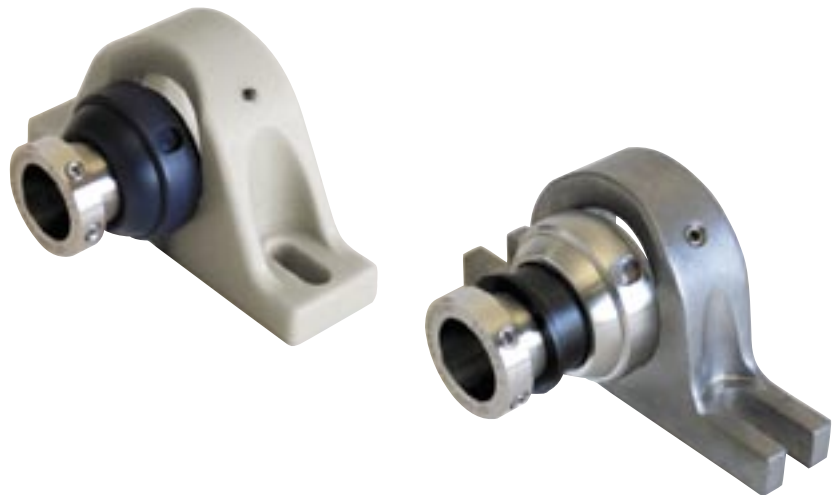
Food Industry

## Applications:

- Sanitary or HACCP
- High or low temperature
- Washdown or steam
- Exposure to processing liquids and chemicals
- Incomplete rotation or oscillating motion
- Submersion in liquids
- Locations difficult to regularly maintain
- Exposure to bulk solid contaminants

## Features and Benefits:

- ❑ Dimensionally interchangeable with industry standard bearings
- ❑ Solid construction with the smoothest housing surface and no metal crush bushings in mounting holes for HACCP compliance
- ❑ 300 stainless steel or non-corrosive polymer materials are standard for inserts and housings
- ❑ Multiple combinations of housings and inserts handle the harshest washdown and corrosive applications
- ❑ Available in all housing styles and sizes
- ❑ No grease required for plane bearings and selected ball bearings
- ❑ Maintenance free
- ❑ Predictable replacement schedule reduces cost of ownership
- ❑ Solid lubricated ball and roller bearings



**EDT bearings are guaranteed for one full year in these select applications:**

Application	EDT Bearing Solution	Average Life with Ball Bearing	Average Life with EDT Grease-less Bearing
Modular Plastic or Wire Belt Conveyors	NA Poly-Round® with stainless locking sleeve in polymer or stainless housing	2-4 months (in washdown)	12-18 months (in washdown)
Freezer Conveyors (inside)	QF Poly-Round® with stainless locking sleeve in stainless housing	6 months	24-30 months
Freezer Conveyors (outside)	NA Poly-Round® with stainless locking sleeve in polymer or stainless housing	4-6 months	12-18 months
Oven Idler Roll Bearings	QB All-Round® with stainless locking sleeve in stainless or cast iron housing	4 months	12-16 months
Fryer Bearings Submerged in Oil (Excluding Drives)	FA Poly-Round® with stainless locking sleeve in stainless housing	2-3 months	12-18 months
Vat and Bin Dumpers (single pivot)	NA Poly-Round® in polymer or stainless housing	3 months	24 months

**EDT Grease-less Bearings are ideal for the following applications:**

**Poultry** – Auto-Rehangers, Bright Coop Cage Dumpers, Formax Breaders, Oven Bearings, Stein Fryers, Feather Separators, Modular Plastic Belt Conveyors

**Meat** – Formax Breaders, Stein Model XL Breaders, Meat Presses, Mepsco Injectors, Wire Belt Conveyors, Offal Augers, Modular Plastic Belt Conveyors

**Seafood** – Formax Breaders, Stein Model XL Breaders, Cryovac Shrink Tunnels, Wire Belt Conveyors, Eagle Scale Buckets, Modular Plastic Belt Conveyors

**Dairy** – Cryovac Shrink Tunnels, Wire Belt Conveyors, Modular Plastic Belt Conveyors

**Bakery and Snack** – Wire Belt Conveyors, Oven Bearings, Peelers, Fryers, Modular Plastic Belt Conveyors

**Frozen Food** – Wire Belt Conveyors, Ramsey Scales, Metal Detectors, Oven Bearings, Eagle Scale Buckets, Modular Plastic Belt Conveyors

**Fruits and Vegetables** – Wire Belt Conveyors, Modular Plastic Belt Conveyors, Ramsey Scales, Metal Detectors, Cryovac Shrink Tunnels, Eagle Scale Buckets

**Confection** – Wire Belt Conveyors, Modular Plastic Belt Conveyors, Ramsey Scales, Metal Detectors

**Water and Waste Water Treatment** – Modular Plastic Belt Conveyors, Filtration Systems, Waste Augers

**Contact Your Local Applied Service Center  
1-877-279-2799**

**WARNING:** Injury, death, property damage, and/or equipment failure may result from misuse or misapplication of the products featured in this publication. The information in this publication is provided "AS IS," WITHOUT WARRANTY OF THE INFORMATION'S ACCURACY OR THE PRODUCTS' SUITABILITY FOR ANY PARTICULAR USE.



Corporate Headquarters  
One Applied Plaza  
Cleveland, Ohio 44115  
Toll Free Phone: 1-877-279-2799  
[www.Applied.com](http://www.Applied.com)