

EDT TYPE E SOLUTION® BEARINGS FOR HORIZONTAL BLENDERS/MIXERS

Worth every penny!

Turn to EDT grease-less bearings and enhance food safety with a proven, rust-free bearing



Type E Solution® Bearings:

- Clean operation – unaffected by process moisture and washdown
- No grease, never need to lubricate
- No rust, avoid red water
- Long and reliable life with no maintenance – solid construction
- No process contamination from paint or grease
- Double the life by rotating the bearing insert 180°



BY TIMKEN



COMPARE THE COSTS OF OWNERSHIP OF
EDT Type E Solution® 4-Bolt
 ON FOOD PROCESSING RIBBON BLENDER

EDT bearings save money, time, and labor!

Cost of original bearing

Based on standard Type E lasting 16 weeks and then replace complete unit



1st Year	
Cost to purchase bearing F4BE207	\$583.00
Cost to initially install bearing Labor: \$35/hr x 1/2 hour	\$17.50
Cost of bearing and installation	\$600.50
Bearing change-outs per year: 52 weeks divided by average 16 week life	$\frac{52}{16} = 3.25$
Cost of bearing	\$1,801.50
Cost of lubricant: Lubriplate® LFG 1 oz/application at 30¢/ounce	\$0.30
Labor: 58¢ per minute x 2 minutes	\$1.16
PM frequency: 3 times/week x 52 weeks	\$227.76
Total 1 year bearing cost x 2 bearings per machine	\$2,029.26
One year cost of bearings per machine	\$4,058.52

Cost of EDT Type E Solution®

Based on Type E Solution® Poly-Sphere® lasting 2 years rotate insert after 12 months and reuse other components multiple times



1st Year	
Cost to purchase EDT bearing NA4G6-39	\$1,600.00
Cost to initially install bearing Labor: \$35/hr x 1/2 hour	\$17.50
Cost of each bearing with installation	\$1,617.50
Bearing change-outs per year	x 1
1 year cost to buy/install bearings	\$1,617.50
Cost of lubricant:	
EDT Poly-Sphere® bearing is grease-less and non-rusting so eliminates process contamination	\$0.00
Total 1 year bearing cost x 2 bearings per machine	\$1,617.50
One year cost of bearings per machine	\$3,235.00

Machine's 1 year cost with original bearings	\$4,058.52	<i>One year savings with EDT bearings!</i>
versus 1 year cost with EDT bearings	\$3,235.00	
First Year Savings	\$823.52	x 1 Blender per facility \$823.52

2nd Year	
<i>Continue same costs as 1st year</i>	
One year machine cost with original bearings (This includes change-out labor plus lubrication 3 times per week)	\$4,058.52
2nd year cost of bearings per blender	\$4,058.52
Total 2 year cost of bearings on 1 blender	\$8,117.04

2nd Year	
<i>When bearing is worn too far into one direction, rotate insert 180° to utilize other half of sphere</i>	
Poly-Sphere® NAOU060-RPB (\$480 replacement)	\$0.00
Labor to rotate insert: \$35/hour x 1/2 hour	\$17.50
2nd year cost of bearings per blender	\$17.50
Total 2 year cost of bearings on 1 blender	\$3,252.50

Machine's 2 year costs with original bearings	\$8,117.04	<i>Savings over 2 years using EDT bearings!</i>
versus 2 year costs with EDT bearings	\$3,252.50	
Savings per blender	\$4,864.54	x 1 Blender per facility

Plus significantly reduced maintenance scheduling and less downtime!
 The above illustration is based on average plant conditions.
 Individual results can vary based on installation and maintenance practices, and environmental conditions.



Equipment where EDT Type E bearings can retrofit

- AMFEC • Blentech • FPEC
- Cozzini • Griffith • Mepaco
- Wolf-Tec • Wolfking



Ask EDT for bearing selection assistance by completing a **Bearing Design Checklist**

edtcorp.com/docs/bearing-design-checklist.pdf

Bookmark it!



For a Cost Of Ownership analysis of your application, contact an EDT sales representative today