

POLY-ROUND® BEARINGS FOR MODULAR BELTS

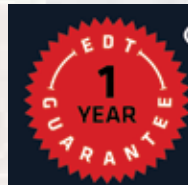
So reliable that we guarantee it.



**Poly-Round® Plus
retrofits a ball bearing
in most brands
of housings**

**Twelve reasons why using
EDT Poly-Round® bearings
on your modular belts
will save time and money
and a lot of headaches**

1. Grease-free means reduced PM time
2. Unaffected by washdown - NO RUST
3. Increased up time, decreased down time
4. USDA accepted
5. Interchangeable with bearings of most brands
6. Eliminates catastrophic failure
7. Eliminates metal contamination
8. Eliminates machine damage from broken ball bearings
9. No contamination makes this the ideal bearing to run directly over food product zones
10. Direct and measureable investment return
11. Bearings can be reused by rotating **180°**
12. Predictable maintenance



On sprocket-driven modular plastic and wire belt conveyors, **EDT GUARANTEES** the NA Poly-Round® bearing to last 1 year, or EDT will replace it with the bearing of your choice.



BY TIMKEN



COMPARE THE COSTS OF OWNERSHIP OF
Solution® Poly-Round® Bearings
 ON STRAIGHT RUN MODULAR PLASTIC OR WIRE BELT CONVEYORS

EDT bearings save money, time, and labor!



Conveyors where Poly-Round® bearings are a good choice

- Transfer conveyors
- Accumulating conveyors
- Dewatering equipment
- Inspection belts
- Broader belts
- Packaging conveyors

Cost of original bearing (Non-corrosive ball bearing in polymer housing)

Based on replacing bearing and housing every 6 months



1st Year

Cost to purchase original bearing & housing F2BSCEZ100 PSS	\$142.22
Cost to initially install bearing Labor (1 hour at \$30/hr)	\$30.00
Cost of bearing and installation	<u>\$172.22</u>
Bearing change-outs per year 52 weeks divided by 6 months	x 2
1 year cost to buy/install bearings	\$344.44
Cost of lubricant: Lubriplate® LFG	\$0.55
1 oz per week at 55¢/oz	0.50
Labor: 50¢ per min x 1 min	x 104
PM frequency: 2 times per week	\$109.20
Total 1 year bearing cost	\$453.64
x number of bearings per machine	x 4
One year cost of bearings per machine	\$1,814.56

Cost of EDT Guaranteed Poly-Round® (Poly-Round® insert in polymer housing)

Based 2+ year guarantee



1st Year

Cost to purchase EDT bearing & housing NA2GC7-16-LK	\$133.00
Cost to initially install bearing Labor (1 hour at \$30/hr)	\$30.00
Cost of bearing and installation	<u>\$163.00</u>
1 year cost to buy/install bearings	\$163.00
Cost of lubricant: EDT Poly-Round® bearing is greaseless	\$0.00
Total 1 year bearing cost	\$163.00
x number of bearings per machine	x 4
One year cost of bearings per machine	\$652.00

Machine's 1 year cost with original bearings \$1,814.56
 versus 1 year cost with EDT bearings \$652.00
Savings per machine \$1,162.56 x 6 modular belt conveyors per facility **\$6,975.36**
One year savings with EDT bearings!

2nd Year

Continue same costs as 1st year

Total 2nd year bearing cost	\$453.64
x number of bearings per machine	x 4
2nd year machine cost with original bearings	\$1,814.56
Total 2-year cost of bearings on 1 machine	\$3,629.12

2nd Year

No cost in second year

Poly-Round® bearing with a sleeve is guaranteed to run 1 year with zero maintenance



Total 2-year cost of bearings on 1 machine	\$652.00
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Machine's 2 year cost with original bearings \$3,629.12
 versus 2 year cost with EDT bearings \$652.00
Savings per machine \$2,977.12 x 6 modular belt conveyors per facility **\$17,862.72**
Savings over 2 years using EDT bearings!

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.



When Poly-Round® bearing is worn too far in one direction, rotate bearing



to use the unworn half



BY TIMKEN

For help with a specific application, complete a **Bearing Design Checklist** and EDT will help you select the best bearing type and material for the job

<http://tinyurl.com/edtbdc>
 Bookmark it!

EDT's Poly-Round® bearings are not designed for curves or high speed