

# POLY-ROUND<sup>®</sup> PLUS



**NOW! The industry's most cost-effective bearing is easier than ever to use more widely**

**Poly-Round<sup>®</sup> Plus** features an anti-rotation pin that allows installation into most housings

## Advantages of using **Poly-Round<sup>®</sup> Plus**

- Extended up-time and reduced PM time
- Use NO grease
- Unaffected by wash-down
- Will not rust
- Choice of materials depending on application
- Quick retrofit into most bearing housings



Consider **Poly-Round<sup>®</sup> Plus** bearings for environments where it is difficult to maintain ball bearings, like:



- High levels of sanitation
- High or low temperature
- Washdown
- Process moisture, steam, brine, submerged
- Partial rotation or start-stop
- Impact
- Corrosion



## Appropriate locations for **Poly-Round<sup>®</sup>** bearings

- Modular plastic belts
- Wire belts
- Idlers, including ovens
- Freezers
- Dumpers
- Blenders and mixers
- Wastewater equipment




BY TIMKEN

# Gain the advantages of Poly-Round® bearings Plus reuse your housings

Maximize your maintenance budget with Poly-Round® Plus bearings

## Poly-Round® Plus COST OF OWNERSHIP EXAMPLE

Stainless ball bearing assembly changed every three months		Stainless ball bearing assembly changed to EDT Poly-Round® Plus and reuse stainless steel housing	
<b>Year 1 - 1st Quarter</b>			
Original bearing SUCSFL205-16	\$64.00	Original bearing SUCSFL205-16	\$64.00
Installation labor \$35/hr x ½ hr	\$17.50	Installation labor \$35/hr x ½ hr	\$17.50
Lubrication: Lube .30/Oz x 1 oz x 5 times/week	\$1.50	Lubrication: Lube .30/Oz x 1 oz x 5 times/week	\$1.50
Labor \$35/ hr x [2 min x 5 times/week = 10 min ]	\$5.83 \$7.33 x 12	Labor \$35/ hr x [2 min x 5 times/week = 10 min ]	\$5.83 \$7.33 x 12
Maintenance cost over 12 weeks	\$87.96	Maintenance cost over 12 weeks	\$87.96
<b>Q1 total cost to operate bearing</b>	<b>\$172.46</b>	<b>Q1 total cost to operate bearing</b>	<b>\$172.46</b>
Q2 replace same unit with same PM cycles	\$172.46	Replace bearing insert with Poly-Round® Plus NAIPCO-C + sleeve ZALUC6-16-LK	\$48.00 \$90.00 \$138.00
Q3 replace same unit with same PM cycles	\$172.46	Q3 Poly-Round® Plus operates with low/no maintenance	\$0.00
Q4 replace same unit with same PM cycles	\$172.46	Q4 Poly-Round® Plus operates with low/no maintenance	\$0.00
Year 1 total cost for bearing	\$689.84	Year 1 total cost for bearing	\$310.46
<b>One year savings with Poly-Round® Plus</b>		<b>\$379.38 savings</b>	
<b>Year 2</b>			
Q1 - replace same unit at same costs	\$172.46	Q4 Poly-Round® Plus operates with low/no maintenance	\$0.00
Q2 replace same unit at same costs	\$172.46	½ hr labor to 180° rotate Poly-Round® Plus	\$17.50
Q3 replace same unit at same costs	\$172.46	Q3 Poly-Round® Plus operates with low/no maintenance	\$0.00
Q4 replace same unit at same costs	\$172.46	Q4 Poly-Round® Plus operates with low/no maintenance	\$0.00
Year 2 total cost for bearing	\$689.84	Year 2 total cost for bearing	\$17.50
		<b>Y2 Savings with Poly-Round® Plus</b>	<b>\$672.34</b>
<b>Y1 + Y2 costs</b>	<b>\$1,379.68</b>	<b>Y1 + Y2 costs</b>	<b>\$327.96</b>
<b>Two year savings with Poly-Round® Plus</b>		<b>\$1,051.72 savings</b>	



On tractor-driven conveyor belts, EDT GUARANTEES 'NA' and 'QF' Poly-Round® Plus for 1 YEAR or we'll replace the bearing



## THE 180° ADVANTAGE!

When insert wears too far in one direction, rotate insert 180° to use the unworn portion



### Let EDT Help!

To check which bearing is best for your application, complete a Bearing Design Checklist (BDC) today and you'll hear from us promptly!

[www.edtcorp.com/docs/bearing-design-checklist.pdf](http://www.edtcorp.com/docs/bearing-design-checklist.pdf)



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