



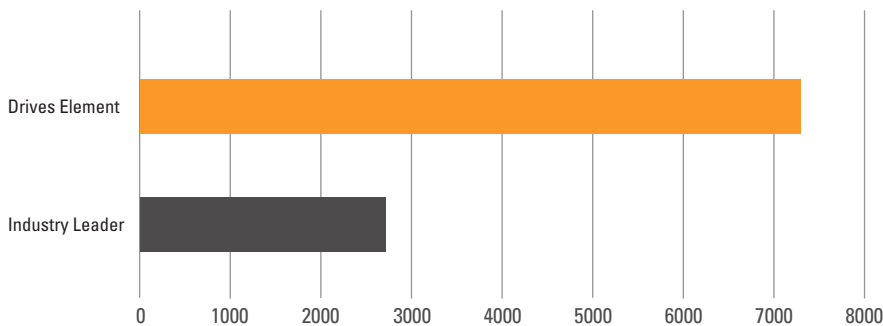
The trifecta of roller chain technology

## DRIVES ELEMENT™ MAINTENANCE FREE<sup>(1)</sup> ROLLER CHAIN

Roller chains operate best when effectively lubricated; the reality is that regular lubrication is not possible or practical for every application. Redefine performance with Drives Element™ roller chain by Timken, designed specifically for applications such as packaging, conveying and food and beverage<sup>(2)</sup>. This reduced maintenance sintered bushing roller chain will help keep your operations running at peak performance.

### OUTLASTING THE COMPETITION

TIME TO 0.5% ELONGATION (HOURS)



Drives Element roller chain outlasts the industry leader's sintered bushing chain by more than 2.5x.<sup>(1)</sup>  
ANSI 60 chain, 275 RPMs, 230 lbs. (1023N) tension, 3.0 chain horsepower (2.24 kW), 23T x 23T sprockets.

**DRIVES ELEMENT ROLLER CHAIN DELIVERS MORE THAN 2.5X WEAR LIFE COMPARED TO COMPETITORS, REDUCING DOWNTIME AND SAVING MONEY.**

- In-house tests showed Drives Element chain exceeded wear life 2.5x over the current industry leader's sintered bushing chain
- No external lubrication required
- Longer chain life + reduced maintenance = reduced downtime and associated expenses

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1.2.3.

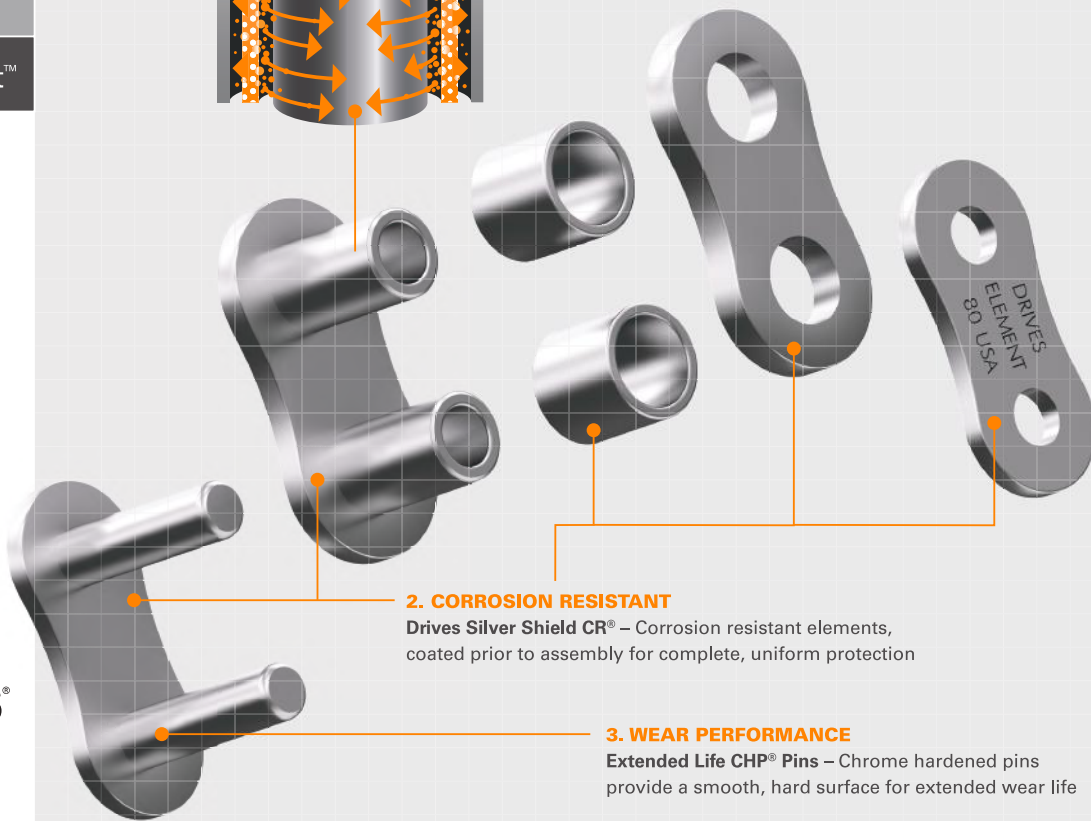


drives element™

**DRIVES**  
**ELEMENT™**

 THE TRIFECTA OF  
 ROLLER CHAIN  
 TECHNOLOGY

**DRIVES**  
 CHAIN BY TIMKEN

**1. PATENTED INTEGRATED LUBRICATION**
**Sintered Bushing** – Patented bushing design directs more lubricant to the pin for superior wear performance

**2. CORROSION RESISTANT**
**Drives Silver Shield CR®** – Corrosion resistant elements, coated prior to assembly for complete, uniform protection

**3. WEAR PERFORMANCE**
**Extended Life CHP® Pins** – Chrome hardened pins provide a smooth, hard surface for extended wear life

**DRIVES ELEMENT CHAIN COMBINES THE LATEST ROLLER CHAIN TECHNOLOGY FOR SUPERIOR PERFORMANCE AND CONVENIENCE IN DIFFICULT ENVIRONMENTS**

- **Patented Integrated Lubrication.** Eliminates your need for external lubrication with it already incorporated into the bushing. The integrated H1 food grade lubrication even outperforms competing non-food grade integrated lubrication sintered bushing offerings.
- **Extended Life CHP® Pins.** Provide a smooth, hard pin surface, which work in concert with the patented lubrication and bushing system to provide more than 2.5x the wear performance of other maintenance free sintered bushing roller chains.
- **Silver Shield CR® Coating.** Delivers up to 3x the corrosion protection of standard nickel coated chain. The coating is applied to all exposed components prior to assembly for complete, uniform protection.

**LET US HELP YOU**

 For more product information, contact your local Drives or Timken seller or visit [driveschain.com](http://driveschain.com). You also can visit [drives.ptplace.com](http://drives.ptplace.com) to order.

**TIMKEN**

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

**Stronger. By Design.**
**PRODUCT SPECIFICATIONS:**

- Available in ANSI 40, 50, 60, 80 and conveyor C2040, C2050, C2060H and C2080H (including oversized rollers) sizes.
- Temperature: 14° F to 302° F (-10° C to 150° C); note there is a reduction in performance starting at 140° F (60° C).
- Speed: up to 160 fpm (0.8 m/s).
- Offset links are available.
- Lubricant will be depleted at approximately 0.5% elongation at which time chain wear will accelerate. Chain should be replaced at 3% elongation.

<sup>(1)</sup> No lubrication required. Standard maintenance and inspection practices are recommended.

<sup>(2)</sup> Drives Element roller chain is not certified for direct food contact.