

STEMCO®

HUB SEALS

LONGER LIFE FOR THE LONGEST HAUL

Guardian®
HP
HUB SEALS



Single-Step, Error-Proof Installation

Installation right on the axle instead of the hub bore assures positive alignment every time with virtually error-proof installation. There's no tool impact on the seal causing damage or installation-related failures. Guardian® HP is easy to remove and service, with no bearings damaged during seal removal.

Technologically Advanced Seal

Guardian® HP has been developed for extra protection and greater sealing with its high performance sealing lip, superior contamination exclusion, and self-lubricating thrust pad.

Trailer and Axle OEM Standard Seal

The axle installation is durable and unique with proven success for over 25 years. Enhanced features offer improved cost-per-mile performance with simple, one-step axle installation. Guardian® HP is the seal of choice in the heavy duty trailer industry.



STEMCO®

A Higher Standard of Performance.™

an EnPro Industries company

HUB SEALS

GUARDIAN® HP Application Reference Guide

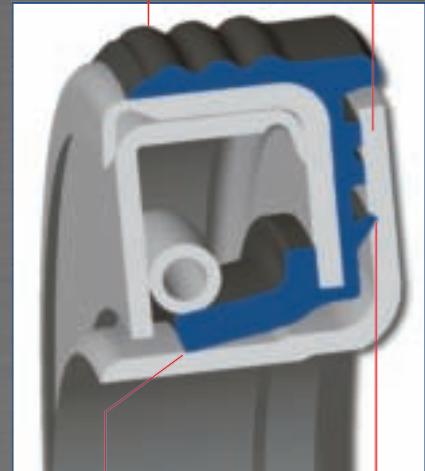


| APPLICATION | GUARDIAN® HP | INNER BEARING | UNIVERSAL AXLE TOOL HEADS |
|---|----------------------|---|--|
| 19,000# Trailer Axle Standard Forge, Dana, Meritor, Eaton | 307-0713 | 663 | 555-5100 |
| Pro-Par Trailer Axle Fruehauf, Eaton P-22 Meritor TP, Dana | 307-0723 | HM518445 | 555-5023 |
| 22,500# Trailer Axle Meritor, Standard Forge, Dana Eaton | 307-0743 | HM218248 | 555-5039 |
| 12,000# Front Axle Meritor, Eaton Ford, Freightliner, Kenworth, Western Star, Navistar Peterbilt, Volvo GM | 308-0836 | 39581 HM212044 HM212049-X HM212047 | 555-5062 555-5061 555-5098 555-5066 |
| 16,000# Front Axle Ford, Navistar, Mack, Meritor, White, Kenworth, Volvo GM, Western Star, Peterbilt | 308-0864 | 6461A | 555-5007 |
| 34,000# Drive Axle, Mack 44,000# Drive Axle, Mack | 309-0903 309-0904 | 580, 582 663, HM516449-C HM516449-A | 555-5072 555-5072 555-5073 |
| 38,000# 46,000# Tandem Axles, Eaton, Ford, Freightliner, Kenworth, Western Star, Peterbilt, Meritor, Navistar, Volvo GM | 309-0973 | 594,-A 598,-A | 555-5076 555-5071 |

GUARDIAN® HP SEAL

Three O.D. Beads
For Easier Hub Docking

Self-Lubricating
Thrust Pad



High Performance
Sealing Lip

Flexible Contaminant
Exclusion Lip

Sealing lip, O.D. beads, self-lubricating thrust pad, and flexible contaminant exclusion lip are all molded as a single unit from high performance HNBR-Teflon® elastomer for fewer leak paths and better heat resistance.

GUARDIAN® HP Interchange

| GUARDIAN® HP | STEMCO | SKF | SKF PLUS | SKF LONGLIFE | NATIONAL | 5 STAR | OUTRUNNER |
|--------------|----------------------|-------|----------|--------------|----------|---------|-----------|
| 307-0713 | 372-7098 | 40136 | 40133 | 40146 | 370036A | 380036A | 850 |
| 307-0723 | 372-7099 | 42623 | 42623 | 42631 | 370065A | 380065A | 851 |
| 307-0743 | 372-7097 | 46305 | 46304 | 46308 | 370025A | 380025A | 859 |
| 308-0836 | 382-8036 | 35066 | 35059 | 35102 | 370001A | 380001A | 847 |
| 308-0864 | 382-8064 | 43764 | 43763 | N/A | 370048A | 380048A | 863 |
| 309-0903 | 392-9094 | 45099 | 45097 | 45108 | 370022A | 380022A | 856 |
| 309-0904 | 392-9112 392-9130 | 42672 | 42671 | N/A | 370031A | 380031A | 852 |
| 309-0973 | 392-9131 | 47697 | 47695 | 47693 | 37003A | 38003A | 861 |

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