ULTRA-A-K®
SLIDER SUSPENSION SYSTEMS
UTKNT 40K Specifications
LIT NO: L1231
DATE: March 2019
REVISION: C
ULTRAA-K® 40K SPECIFICATIONS

SYSTEM CAPACITY* 40,000 lbs. (18 000 kg)
APPLICATION On-highway
TRAILER TYPES U.S.A. and Canada: Dry and refrigerated van
Mexico, Central and South America: None

AXLE DATA
Diameter: 5.75-inch LDA™ Large-Diameter Axle
Arrangement: Tandem
Track: 77.5-inch
Spread: 49-inch

FRAME TYPES Steel only: 102-inch wide trailers (48-inch wide slider boxes)

BASE MODEL DESCRIPTION ULTRAA-K® UTKNT 40K slider suspension system consisting of 49-inch spread, 48-inch wide slider box with two 16-inch ride height suspensions, HN spindles, 16.5- x 7-inch brakes with Abex 3030-197 brake lining, ABS brackets, QUIK-ALIGN® pivot connection, QUIK-DRAW® pin-pull mechanism, standard Cam Tube System™, ZMD® ZERO MAINTENANCE DAMPING® technology, pivoting mud flap bracket mounting and pre-installed HCV.

*System capacity refers to the suspensions, axles and slider. Ratings for brakes and wheel-end components differ depending upon options chosen.

<table>
<thead>
<tr>
<th>AXLE SPREAD (inches)</th>
<th>RIDE HEIGHT (inches)</th>
<th>SYSTEM HEIGHT (inches)</th>
<th>FRONT AXLE LOCATION (inches)</th>
<th>JOUNCE (inches)</th>
<th>REBOUND (inches)</th>
<th>WEIGHT (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>16</td>
<td>24.25</td>
<td>25.4</td>
<td>2.5</td>
<td>4</td>
<td>1.322</td>
</tr>
</tbody>
</table>

Note: Weight includes 48-inch wide slider, suspensions, HN LDA™ Large-Diameter Axle (5.75-inch) and foundation brake components (body rail weights not included). Includes air tank mounting brackets, pivoting mud flap brackets and preinstalled height control valve. Does not include SURELOK® or box shims.

SPECIFICATIONS

Note: Weight includes 48-inch wide slider, suspensions, HN LDA™ Large-Diameter Axle (5.75-inch) and foundation brake components (body rail weights not included). Includes air tank mounting brackets, pivoting mud flap brackets and preinstalled height control valve. Does not include SURELOK® or box shims.
**HENDRICKSON MAXX22T™**
Hendrickson trailer air disc brake system specifically designed to optimize performance for North American trailer applications, with WABCO brake technology, features premium offerings including the lightweight Dura-Light Hub® option, TIREMxAA® and RTR® READY-TO-ROLL® wheel-end packages.

**RTR® READY-TO-ROLL®**
Choose from a broad mix of offerings to customize running gear for your specific application. Wheel-end options consist of aluminum, ductile iron or Dura-Light Hub® in a variety of standard and extended service packages.

**BRAKE OPTIONS**
For complete details on the wide range of brake options available including lining choices, brake ratings and FMVSS/CMVSS 121 brake certifications, refer to publication L809, Brake Certifications. Air disc brake packages available on ULTRAA-K™ models. Please contact Hendrickson for assistance.

**BRAKE CHAMBERS**
Industry standard brake chambers with pushrod length of 9.75-inches and clamping / port orientation of zero degrees are compatible.

**BRAKE ADJUSTERS**
Industry standard 5.5- and 6-inch brake adjusters are compatible.

**DUST SHIELD**
Clamp-on dust shield provides protection for both drum and air disc brakes — factory or OEM installed.

**PRE-INSTALLED HEIGHT CONTROL VALVE**
Options include standard, non-dump, integrated auto-dump and DST® Dock Stabilizing Technology™.

**SURELOK®**
Dock height lock that maintains trailer at deck height while minimizing trailer walk during loading and unloading.

**STINGER**
Bolt-on bracket available in 32- or 36-inch lengths — road and curbside mounting ready.

**MANUAL STOP BAR**
Efficiently assists the driver in slider box repositioning.

**FACTORY PRE-ALIGNED SLIDERS**
Ensures accurate parallelism between two neutral-toe axles.

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### SPINDLE TYPE TUBE O.D. (inches) BEARINGS

<table>
<thead>
<tr>
<th>SPINDLE TYPE</th>
<th>TUBE O.D. (inches)</th>
<th>BEARINGS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>INNER CONE</td>
</tr>
<tr>
<td>HN</td>
<td>5.75</td>
<td>HM18248</td>
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<tr>
<td>HP</td>
<td>5.75</td>
<td>HM518445</td>
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