HENDRICKSON USE ONLY

ORDERING GUIDE

VANTRAAX® SLIDER SUSPENSION

LIT NO: L544
DATE: January 2018 **REVISION:** NN

FORM INSTRUCTIONS

For complete price and model number information on a VANTRAAX® slider suspension system, fax this form to 800.696.4416 in the U.S. or 905.789.1033 in Canada. For additional assistance, please call toll-free 866.RIDEAIR (743.3247) in the U.S. or 800.668.5360 in Canada.

TO:	FROM:	COMPANY NAME:

DATE:	PHONE:	FAX:	EMAIL:

SAME AS:	EXCEPT:

SLIDER / SUSPENSION

AXLE ARRANGEMENT:	❒ SINGLE		❒ TANDEM					❒ TRIDEM
RAMP-READY:	No		No	No			Yes	Continue to page 2
MODEL:	❒ HKANT 23K[1]	❒ HKANL 23K[1,2]	❒ HKANT 40K	❒ HKANT 46K		❒ HKAT 50K	❒ HKAL 46K	❒ HKARL 46K
BOX DUTY:	Standard	Standard	❒ Standard ❒ Heavy Duty	Standard		Standard	Standard	Standard
AIR SPRING DAMPING:	Standard	Standard	❒ Standard ❒ ZMD®	Standard		Standard	Standard	Standard
AXLE SPREAD:	N/A	N/A	49"	❒ 49"	❒ 121"	49"	49"	49"
RIDE HEIGHT:	❒16" ❒17"	❒17"	❒16" ❒17.5"[3] ❒17"	❒16" ❒17.5"[3] ❒17"	❒16" ❒17.5"[3] ❒17"	❒16" ❒18" ❒17" ❒19"	❒10" ❒11"	❒9" ❒11" ❒10" ❒12"
BOX WIDTH / AXLE TRACK[4]:	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5"	❒ 42" / 71.5" ❒ 48" / 77.5"	❒ 48" / 77.5"
SLIDER PIN EXTRACTOR:	❒ QUIK-DRAW®			❒ QUIK-DRAW / No valve			❒ None / Fixed	

1. HKANT 23K and HKANL 23K models are not available in "high control" for single-axle, multi-trailer applications.
2. Additional clearance above the tires may be required. Trailer body rails must be able to support the lifted VANTRAAX system.
3. Only available with Hendrickson-installed UBL.
4. Refer to L846 Wide Base Tire Configuration Bulletin for track / wheel recommendations.

HENDRICKSON

SLIDER / SUSPENSION

(Skip to next section if selected single or tandem axle arrangement)

AXLE ARRANGEMENT:	❒ **TRIDEM**		
RAMP-READY:	No		
MODEL:	❒ HKANT 69K23	❒ HKAT 69K25	❒ HKAT 75K25
BOX DUTY:	Standard	Standard	Standard
AIR SPRING DAMPING:	Standard	Standard	Standard
AXLE SPREAD:	❒ 49" ❒ 60" ❒ 72"	❒ 60" ❒ 72"	❒ 60" ❒ 72"
RIDE HEIGHT:	❒16" ❒18" ❒17"	❒16" ❒18" ❒17"	❒16" ❒18" ❒17"
BOX WIDTH / AXLE TRACK[4]:	❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"	❒ 42" / 71.5" ❒ 48" / 77.5" ❒ 54" / 83.5"
SLIDER PIN EXTRACTOR:	❒ QUIK-DRAW®	❒ QUIK-DRAW / No valve	❒ None / Fixed

SLIDER / SUSPENSION (Continued)

CUSTOMER-SUPPLIED BODY RAIL STYLE[5]:	❒ 1.375" × 6" HC	❒ 1.625" × 4" HC	❒ 1.375" × 4" HC (TTMA)	
SLIDER BOX SHIMS:	❒ No	❒ Standard (.18")	❒ Thick (.23")	
SHOCK STRAPS:	❒ No	❒ Yes		
HCV PRE-INSTALLED:	❒ No	❒ Yes	**Integral Dump:** ❒ Yes ❒ No	
WALK / DROP SOLUTIONS:	❒ No	❒ SURELOK® Installed	❒ SURELOK Capable (HKANT & HKAT Models Only)	❒ DST®
SURELOK AIR KIT:	❒ No	❒ Manual Bypass	❒ Manual Bypass with Dump	❒ No Valve Included (Order Valve Separately)
SURFACE COATING:	❒ Standard Black Primer	❒ Finished Black Soft Coat	❒ Finished Gray Soft Coat	❒ Galvanized[6]
WELD-ON AIR TANK BRACKET:	❒ No	❒ Yes (Standard Location)	❒ Yes (Optional Location) — Contact CSR for Details	
HENDRICKSON-INSTALLED UBL™[7]:	❒ Standard Lift (40.2" Maximum Tire Diameter)		❒ Limited Lift (41.3" Maximum Tire Diameter)	❒ No

AXLE

SPINDLE:	❒ HN	❒ HP		
TIRE INFLATION SYSTEM[8]:	❒ TIREMAAX® CP (Complete Worksheet on page 5)	❒ TIREMAAX PRO (Complete Worksheet on page 5)	❒ 3-Hole Prep	❒ No

Are you ordering air disc brakes? ❒ No (Continue on page 3) ❒ Yes (Go to page 6)

5. Information purposes only; Hendrickson does not supply body rails.
6. Galvanized coating is only available for HKANT 40K HD, HKANT 46K and HKAT 50K models with 16" or 17" ride height, 48" box width, 49" axle spacing and QUIK-DRAW®. Galvanized is also available for HKANT 40K HD and HKANT 46K models with a 54" box width.
7. Hendrickson-Installed UBL™ is a liftable slider for automatic weight-sensing lift system that when paired with controls, raises and lowers one axle on VANTRAAX® integrated slider system without driver interaction.
8. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details related to competitor tire inflation systems.

DRUM BRAKES*

*Slack and brake chamber combinations will affect brake ratings. Refer to L809 for Brake Certifications.

BRAKE LINING:	❒ H20			❒ H23			❒ H26	
BRAKE SIZE:	❒ 16.5" x 7"	❒ 16.5" x 8-5/8"		❒ 16.5" x 7"	❒ 16.5" x 8-5/8"		❒ 16.5" x 7"	❒ 16.5" x 8-5/8"
BRAKE MODEL:	❒ Standard ❒ HXS®	HXS		❒ Standard ❒ HXS	HXS		HXS	HXS
BRAKE COATING:	❒ Standard	❒ AAXTREME COAT® (HXS Only)		❒ Standard	❒ AAXTREME COAT (HXS Only)		Standard	
BRAKE CHAMBERS:	❒ None	❒ 2.5" Standard Stroke					❒ 3.0" Long Stroke	
SIZE, WARRANTY, & BRAND:		❒ Type 30/30 Standard Warranty	❒ Type 30/30 Extended Warranty		❒ Type 24/24 Standard Warranty	❒ Other	❒ Type 30/30 Standard Warranty	❒ Type 30/30 Extended Warranty
		❒ TSE ❒ Haldex	❒ TSE ❒ Haldex		Haldex		❒ TSE ❒ Haldex	TSE
SLACK ADJUSTER:	❒ None	❒ Haldex 5.5"	❒ Gunite 5.5"		❒ Haldex 6.0" (Long stroke chamber recommended)		❒ Gunite 6.0" (Long stroke chamber recommended)	
S-CAM:	❒ 28 Spline	❒ 10 Spline						
DUST SHIELD:	❒ No	❒ Yes						
ABS SENSOR:	❒ No	❒ Haldex 19.7"	❒ WABCO 15.7"		❒ Bendix 14.84"		❒ WABCO 36.0"	

DRUM BRAKES

ABS SENSOR LOCATION:	**Single:**	❒ None	❒ 2		
	Tandem:	❒ None	❒ 2 – Front	❒ 2 – Rear	❒ 4 – Both
	Tridem:	❒ None	❒ 2 – Front	❒ 2 – Middle	❒ 2 – Rear
		❒ 4 – Front and Middle	❒ 4 – Front and Rear	❒ 4 – Middle and Rear	❒ 6 – All
SPINDLE NUT:	❒ No	❒ Standard 3-Piece Nut			

DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES*

*Consult a customer service representative to ensure compatibility of the wheel-end equipment with the other selected suspension parameters.

	❒ **Standard Service** (1-Year Limited Warranty[9])	❒ **HXL3® Hendrickson Extended-Life System™** (3-Year Limited Warranty[9])	❒ **HXL5® Hendrickson Extended-Life System™** (5-Year Limited Warranty[9])	❒ **HXL7® Hendrickson Extended-Life System™** (7-Year Limited Warranty[9])	❒ **ConMet PreSet®** (5-Year Limited Warranty[9])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP
HUB MATERIAL:	❒ Ductile Iron ❒ Dura-Light Hub® ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	Aluminum
HUB STYLE:	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted
NUMBER OF STUDS:	10	10	10	10	10
BOLT CIRCLE DIAMETER:	11.25"	11.25"	11.25"	11.25"	11.25"
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90
SEAL:	❒ Stemco Voyager ❒ Stemco Discover ❒ Stemco Guardian ❒ Federal Mogul	Standard	Standard	Standard	No (ConMet Included)
BEARING:	Standard	Standard	Standard	Standard	No (ConMet Included)
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On
ABS TONE RING:	Yes	Yes	Yes	Yes	Yes

9. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.

DRUM OPTIONS

DRUM MATERIAL:	❒ Cast	❒ Fused
DRUM DUTY:	❒ Standard	❒ Heavy Duty
DRUM BALANCING:	Balanced	
WHEEL FASTENERS:	❒ Yes[10]	❒ No

ACCESSORY ITEMS

Not included in VANTRAAX® Model Number — Sold Separately

STINGER:	❒ Yes	❒ No	**Length:**	❒ 32" ❒ 36"
HEIGHT CONTROL VALVE:	❒ Yes	❒ No	**Integral Dump:**	❒ Yes ❒ No
SINGLE AXLE SLIDER REPOSITIONING KIT[11]:	❒ Yes	❒ No		
MANUAL DUMP VALVE:	❒ Yes	❒ No	**With Enclosure:**	❒ Yes ❒ No
MUD FLAP BRACKET:	❒ Yes	❒ No		
STOP BAR:	❒ Yes	❒ No		
UNIVERSAL LOAD SCALE KIT:	❒ Yes	❒ No		
OEM-INSTALLED UBL™ [12]:	❒ Yes	❒ No		

TIREMAAX® KIT WORKSHEET[13,14]

Not included in VANTRAAX Model Number — Sold Separately

CONTROLLER TYPE:	❒ CP			❒ PRO							
ELECTRICAL CONNECTION:	❒ Delphi Weather Pack (Standard)			❒ Blade Terminals[15] (Hendrickson Controls approval required)							
HUBCAP TYPE:	❒ Hendrickson Bolt-On			❒ Hendrickson Extended Bolt-On[16]							
LUBE TYPE:	❒ Semi-Fluid Grease			❒ Oil							
WHEEL STYLE / MATERIAL	❒ Dual / Aluminum			❒ Dual / Steel or Combo			❒ Super Single / Aluminum (straight hose)				
	❒ Super Single / Steel (outboard valve stem; 180-degree hose)						❒ Super Single / Steel (inboard valve stem; straight hose)				
TIRE SIZE:	❒ 17.5"	❒ 19.5"	❒ 22.5"	❒ 24.5"							
COLD TIRE PRESSURE SETTING (psi)[17]:	❒ 70	❒ 75	❒ 80	❒ 85	❒ 90	❒ 95	❒ 100	❒ 105	❒ 110	❒ 115	❒ 120
TRAILER-MOUNTED INDICATOR LIGHT KIT:	❒ LED – 12V with 65-foot Cable (Standard)				❒ LED – 12V with 35-foot Cable		❒ LED – 24V (Export[18])				
	❒ Incandescent – 12V				❒ No[15]						
WIRING HARNESS:	❒ Premium, 15-Foot, ABS-ready			❒ Premium, 3-Foot, ABS-ready							
	❒ Standard, 18-inch, Wiring Adaptor Plug			❒ No[15] (Hendrickson Controls approval required)							
AIR PLUMBING KIT:	❒ Manifold[19]		❒ No								
CONTROLLER TANK VALVE[20]: (Pressure Check)	❒ Yes (CP Models Only)		❒ No								

10. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.
11. Hendrickson recommends the use of a Slider Repositioning Kit for all single-axle sliders used in conjunction with fixed suspensions. The kit locks the brakes and dumps the air on the sliding axle for ease of repositioning.
12. OEM-Installed UBL kits allow fleets and owner-operators to put the advantages of INTRAAX and HT Series to work in liftable applications.
13. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension or trailer axle. Any consequential damages to the Hendrickson suspension or trailer axle resulting from a failure to the competitor brand tire inflation system or components, whether installed by the OEM, repair facility or end-user customer, should be directed to the respective tire inflation system manufacturer for warranty coverage.
14. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.
15. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".
16. Required for axles with TIREMAAX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.
17. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.
18. Please note, 12V is used in some export countries. If this is a new venture into a foreign country, please validate voltage requirements with Controls Engineering.
19. Not available for single-axle systems.
20. Not available with TIREMAAX PRO.

HENDRICKSON SUSPENSION AND AXLES AVAILABLE WITH AIR DISC BRAKES (ADB)

SUSPENSION / AXLE MODELS	AVAILABILITY
HKANT 23K, 40K, 46K, 69K23	ADB available
HKAT 50K, 69K25, 75K25, **HKARL**	ADB available without SURELOK®
HKANL, HKAL	ADB not available

WARNING: **IMPROPER WHEELS OR VALVE STEMS can interfere with air disc brakes and cause rapid tire deflation, component damage, loss of vehicle control, property damage or severe personal injury. Use only wheels and valve stems that provide proper running clearance with air disc brakes equipped on the suspension. Contact vehicle manufacturer to determine replacement wheels and valve stems approved for the application.**

DISC BRAKES*

*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.

	HENDRICKSON MAXX22T™ ADB (Hendrickson Standard)			
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (Service Only Chamber Available)			
DISC BRAKE APPROVAL:	❒ Preapproval: 20,000 lb or less GAWR **or** up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications)			
PAD/LINING:	WABCO 233			
BRAKE CHAMBER:	❒ Type 18/24 Std ❒ Type 18 (Dolly)			
ABS TONE RING / DUST SHIELD:	Required			
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4"			
ABS SENSOR LOCATION:	Tandem: ❒ 2 – Front ❒ 2 – Rear ❒ 4 – Both Tridem: ❒ 2 – Front ❒ 2 – Middle ❒ 2 – Rear ❒ 4 – Front & Middle ❒ 4 – Front & Rear ❒ 4 – Middle & Rear ❒ 6 – All			
ROTOR BRAND/MATERIAL:	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[9])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[9])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[9])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[9])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP
HUB MATERIAL:	❒ Dura-Light Hub® ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires			
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease

SEAL:	Standard	Standard	Standard	Standard
BEARINGS:	Standard	Standard	Standard	Standard
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On
WHEEL FASTENERS:	❒ Yes[10]	❒ No		

DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.				
	WABCO PAN22-1 ADB				
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (Service Only Chamber Available)				
DISC BRAKE APPROVAL: (Must select one)	❒ Preapproval: 20,000 lb or less GAWR **or**				
	❒ Online Approval # _____ **or**				
	❒ Complete ADB Waiver on page 9 **or**				
	❒ Complete ADB Application Form on page 9				
PAD/LINING:	WABCO 230				
BRAKE CHAMBER:	❒ WABCO 20/24 Std ❒ WABCO 20 (Dolly)				
ABS TONE RING / DUST SHIELD:	Required				
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4"				
ABS SENSOR LOCATION:	Tandem: ❒ 2 – Front ❒ 2 – Rear ❒ 4 – Both Tridem: ❒ 2 – Front ❒ 2 – Middle ❒ 2 – Rear ❒ 4 – Front & Middle ❒ 4 – Front & Rear ❒ 4 – Middle & Rear ❒ 6 – All				
ROTOR BRAND/MATERIAL:	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm ConMet Cast Iron
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[9])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[9])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[9])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[9])	❒ **ConMet PreSet** (5-year Limited Warranty[9])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	ConMet Aluminum
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires				
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On
WHEEL FASTENERS:	❒ Yes[10]	❒ No			

DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.					
	KNORR / BENDIX ADB22X					
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (STOP. ADB22X is not approved for dollies. Must spec MAXX22T™ or PAN22-1)					
DISC BRAKE APPROVAL: (Must select one)	❒ Preapproval: Tandem Trailer – 80,000 lb GCW Max, Tridem Trailer – 98,000 GCW **or**					
	❒ Online Approval # _____ **or**					
	❒ Complete ADB Waiver on page 9 **or**					
	❒ Complete ADB Application Form on page 9					
PAD/LINING:	Jurid 539-29					
BRAKE CHAMBER:	Knorr 18/24 Std					
ABS TONE RING / DUST SHIELD:	Required					
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4"					
ABS SENSOR LOCATION:	Tandem: ❒ 2 – Front ❒ 2 – Rear ❒ 4 – Both Tridem: ❒ 2 – Front ❒ 2 – Middle ❒ 2 – Rear ❒ 4 – Front & Middle ❒ 4 – Front & Rear ❒ 4 – Middle & Rear ❒ 6 – All					
ROTOR BRAND/MATERIAL:	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm ConMet Cast Iron
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[9])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[9])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[9])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[9])	❒ **ConMet PreSet** (5-year Limited Warranty[9])	
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP	
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	❒ ConMet AL Splined	❒ ConMet Ductile Iron (HP Only) ❒ ConMet Aluminum
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires					
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	
DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90	
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)	
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)	
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut	
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On	
WHEEL FASTENERS:	❒ Yes[10]	❒ No				

Complete the AIR DISC BRAKE WAIVER or APPLICATION FORM if you did not check PRE-APPROVED or ONLINE APPROVAL on page 7 or 8.

CAUTION: DUE to design and performance differences of various air disc brake models, and between drum and disc brake systems, it is important to ensure compatibility of the brake systems between the tractor and trailer. Changes to the tractor brake linings may be required to produce a balanced tractor / trailer braking system. Vehicle owners / operators should review any such required changes with the tractor manufacturer. Failure to follow any such required changes or applicable operating, service and maintenance instructions can cause tractor / trailer brake components to wear out prematurely and will void any applicable Hendrickson warranty coverage.

AIR DISC BRAKE WAIVER

ADDITIONAL TERMS AND CONDITIONS

This Ordering Guide / Application Form is subject to, at minimum, the following terms and conditions:

- Any application approval from Hendrickson Trailer Suspension Systems ("Hendrickson") and/or the respective air disc brake manufacturer is (i) general in nature, (ii) based upon the above-referenced information as provided by the REQUESTER and without Hendrickson's first-hand knowledge of such information, and (iii) does not account for any additional information regarding the subject vehicle's operating condition and configuration, or any unauthorized modifications or repairs that may have been conducted.
- The subject application(s) and the installation, operation, service and maintenance of Hendrickson suspension or axle systems and related components must comply with all applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer. Contact Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer for any additional copies of their applicable written materials.
- Any application approval does not account for, nor shall Hendrickson in way be responsible for, any adverse effect on the form, fit or function of or any damages sustained to the Hendrickson suspension or axle systems and related components due to improper installation, operation, service or maintenance, unauthorized modification, neglect, accident, misuse, or operation beyond the written capacity ratings and specifications of the suspension or axle systems and related components or the vehicle to which such equipment and components are attached.
- Any application approval is null and void if (i) any of the information provided by the REQUESTER is incorrect or incomplete, or (ii) there is any deviation from the applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson and the respective air disc brake manufacturer regarding the installation, operation, service and maintenance of the Hendrickson suspension or axle systems and related components.
- Any application approval does not constitute an expressed or implied warranty, including any warranty of merchantability or fitness for a particular purpose.
- Hendrickson reserves the right to modify any application approval, and any recommendations and/or prices if the above-referenced information provided by the REQUESTER changes in any way. The REQUESTER shall immediately notify Hendrickson's Application Engineering Department in writing of any / all changes in such information that may affect the operation, performance, service and/or maintenance of the vehicle, brakes.

I understand the above, and by signing and not supplying information on the application form on page 9, I am:

- Requesting an air disc brake suspension or axle model number, price and availability, and
- Taking responsibility for the application of the brake system if I order a suspension or axle model without supplying the information on the application form on page 9.

REQUESTER:
Authorized Contact Person: _____ **Date:** _____ **Title:** _____

Signature: _____

AIR DISC BRAKE APPLICATION FORM

FLEET / END USER INFORMATION

Fleet Name / Dealer: _____ Location: _____
Phone: _____ Contact Person: _____
Email: _____

Trailer Manufacturer: _____

Trailer Type: ❒ Dry Van ❒ Reefer ❒ Pup Trailers ❒ Tanker / Bulk ❒ Platform ❒ Specialty ❒ Dump ❒ Dolly ❒ Other

Number of Axles: ❒ 1 ❒ 2 ❒ 3 ❒ Other _____

Tagged Axle Weight: _____ GCW: _____

Wheel Make: _____ Wheel Model #: _____
Tire Make: _____ Tire Model: _____

TRAILER USAGE

Duty Cycle: (check all that apply)

❒ Line Haul Truck Load
❒ Line Haul Contract Carrier
❒ On-highway, Heavy-haul / Specialty
❒ On- / Off-highway Construction / Heavy-haul
❒ Off-highway Logging / Mining / Construction
❒ Line Haul LTL
❒ On-highway
❒ Other _____

The above-reference trailer(s) will be used with:

❒ Disc brake tractors only
❒ Both disc and brake tractors
❒ Drum brake tractors only

Notes

Notes

*Call your trailer dealer or Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.*

HENDRICKSON

www.hendrickson-intl.com

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