

TRAILER RUNNING GEAR LISTING PROGRAM

Class: Trailer Running Gear

Customer: Red Onyx Industrial Products LLC dba Axle Teknology
Location: Huntington, NY

Listing No. REC598
Effective December 13, 2013
Date:
Last Revised: January 29, 2016
Expires: N/A

Standard: CAN3-D313 "Trailer Running Gear"

Models: Trailer Running Gears for use with Recreational Vehicles

- Label:
1. Products are marked in a permanent manner on each axle, or on a label firmly attached to the axle, with the following information:
 - a) The name of the company that assembled the running gear, or the usual name under which the partnership or individual carries on business
 - b) The month and year during which work on the running gear was completed at the place of main assembly, or the serial number, in which case records shall be kept to permit determination of the month and year of manufacture
 - c) The model or type designation
 - d) Static loaded radius of the tires
 - e) The wording "Tires, rims, and wheels shall comply with CMVTSS 109 and CMVSS 110; or CMVTSS 119 and CMVSS 120."
 - f) The wording "Trailer running gear shall be equipped with tires having a static loaded radius that does not exceed by more than 10% the static loaded radius shown in the tire manufacturer's published data for the actual tire tested."
 - g) Axle voltage rating
 - h) Axle current rating
 - i) The QAI logo with the 'c' identifier
 - j) The QAI listing number: REC598
 - k) The applicable standard: CAN3-D313-M85 (R2012)

 2. The following brake assembly information shall be provided by the brake manufacturer on the brake backing plate:
 - a) Brake manufacturer's ID
 - b) Model number
 - c) Lining material

Manufacturing Plant Location:	1	1323 11 th Avenue North, Nampa, Idaho, 83687
	2	2703 College Avenue, Goshen, Indiana, 46516
	3	101 Mushroom Rd, Waxahachie, Texas, 75165



Models:

Sprung Axle Models:

Model #	Capacity (lbs)	Brake Size (inches)	SLR (inches)	Spring Orientation	Spindle Type
AXK07-SB	2000	7 x 1.25	12.0	Overslung/Underslung	Straight
AXK35-SB	3500	10 x 1.75	12.0	Overslung/Underslung	Straight
AXK35-DB	3500	10 x 1.75	12.0	Overslung/Underslung	Drop
AXK10-SB	3500	10 x 2.25	12.0	Overslung/Underslung	Straight
AXK10-DB	3500	10 x 2.25	12.0	Overslung/Underslung	Drop
AXK44-SB	4400	10 x 2.25	13.2	Overslung/Underslung	Straight
AXK44-DB	4400	10 x 2.25	13.2	Overslung/Underslung	Drop
AXK11-SB	6000	11 x 2	14.2	Overslung/Underslung	Straight
AXK11-DB	6000	11 x 2	14.2	Overslung/Underslung	Drop
AXK12-SB	7000	12 x 2	14.2	Overslung/Underslung	Straight
AXK12-DB	7000	12 x 2	14.2	Overslung/Underslung	Drop
AXK72-SB (AXK1218-SB)	7200	12 x 2.125	14.2	Overslung/Underslung	Straight
AXK72-DB (AXK1218-DB)	7200	12 x 2.125	14.2	Overslung/Underslung	Drop

Torsion Axle Models:

Model #	Capacity (lbs)	Brake Size (inches)	SLR (inches)
AXK10-TB	3500	10 x 2.25	12.0
AXK12-TB	7000	12 x 2	14.2
AXK72-TB (AXK1218-TB)	7200	12 x 2.125	14.2

Brake Assemblies:

Size (inches)	Type	Lining Code	Brake MFG
7 x 1.25	Electric	Axletek-07-GG	Axle Teknology
10 x 1.75	Electric	Axletek-1018-GG (Axletek-35-GG)	Axle Teknology
10 x 2.25	Electric	Axletek-10-GG	Axle Teknology
10 x 2.25	Electric	Axletek-44-GG	Axle Teknology
11 x 2.00	Electric	Axletek-11-GG	Axle Teknology
12 x 2.00	Electric	Axletek-12-GG	Axle Teknology
12 x 2.125	Electric	Axletek-1218-HH	Axle Teknology

Axle Model Designation Description:

AXK	Red Onyx Industrial Products LLC dba Axle Teknology
WW	Brake Diameter or Load-capacity Rating



Y	S – Straight Sprung, D – Drop Sprung, T – Torsion
Z	B – Electric Drum

Notes:

1. All electric brakes are rated at 3A @ 12V dc (per individual brake). 7.5A at 12V dc for one axle assembly.
2. All models approved for single and multiple axle configurations.
3. All capacities are in pounds and indicate the maximum GAWR of the axle model.
4. All dimensions are in inches.
5. Axles may have lubed or non-lubed spindles.
6. Overslung or Underslung refers to the location of the spring mounting in relation to the axle tube. For example: an overslung axle is one where the spring is mounted on top of the axle tube.
7. Includes all available torsion starting angles.

Note: Trailer Running Gears are to be installed in accordance with the manufacturer’s instructions. Suitability of the product in the intended application is to be determined by the recreational vehicle certifier or authority having jurisdiction.

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