

REBOXX HO 33" WHEEL APPLICATION CHART

7 Kane Industrial Drive, Hudson, MA 01749

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| Manufacturer & Truck Type | Mfgr Part # | Axle Length Range (in inches) | Roll Test as mfgd | REBOXX Part # | Roll Test |
|--|-------------|----------------------------------|----------------------|--|-----------------------|
| | | | | Old part #WS1 is now 33-1 Old part #WS2 is now 33-2 | w/REBOXX wheelsets |
| Accurail | | | | | |
| Andrews | 0103 | | | 33-1-1.025 | |
| Barber S2 70T RB | | | | 33-1-1.030 | |
| Bettendorf | 0100 | 0.984 - 0.992 | 12 | 33-1-1.010 | 22 |
| Roller Bearing | 0102 | 0.977 - 0.992 | 11 | 33-1-1.015 | 23 |
| AHM | | | | | |
| Bettendorf | | 0.0970 - 0.0974 | 5 | 33-1-0.990 | 20 |
| Athearn | | | | | |
| Andrews Metal | | 1.028 - 1.030 | | 33-2-1.040 | |
| AAR | | | | 33-1-1.030 | |
| Bettendorf Metal w/plastic wheels | | 1.014 - 1.032 | 8 | 33-2-1.040/1.055 | 16 |
| Bettendorf Metal w/metal wheels | | 1.022 - 1.024 | 7 | 33-2-1.055 | 18 |
| Bettendorf Plastic | 90400 | 1.016 - 1.029 | 17 | 33-1-1.030 | 21 |
| Caboose RB | 90397 | 1.024 - 1.027 | 16 | 33-1-1.040 | 25 |
| Hyatt RB 33" | 90399 | 1.025 - 1.028 | 15 | 33-1-1.035 | 25 |
| Timken RB 33" | 90398 | | | TBA | |
| Ready To Roll 50 ton Bettendorf | 90394 | 1.023 - 1.027 | 18 | 33-1-1.030 | 24 |
| Ready To Roll 70 ton RB | 90390 | 0.970 - 0.980 | 9 | 33-1-0.990 | 15 |
| Atlas | | | | | |
| Bettendorf 50T | 185000 | 0.941 - 0.946 | 24 | 33-1-0.950 | 24 |
| Caboose | 190000 | 0.980 - 1.003 | 23 | 33-1-1.015 | 28 |
| Roller Bearing 70T - older than 6 years | 180000 | 1.018 - 1.025 | 22 | 33-1-1.035 | 25 |
| Roller Bearing 70T - improved - fits 256 screw | 180000 | 0.941 - 0.946 | 16-19 | n/a | |
| Bachmann | | | | | |
| Bettendorf w/metal wheels | | 0.969 - 0.971 | 15 | 33-1-1.015 | 25 |
| Arch bar | | | | 33-1-0.990 | |
| Barber Caboose | | n/a | | n/a | |
| 70T RB w/metal wheels | | 0.968 - 0.970 | 16 | 33-1-0.980 | 22 |
| 6 Wheel buckeye | | n/a | | n/a | |
| Bethlehem | | | | | |
| Caboose | 124 | 1.012 | 15 | 33-2-0.950 | 17 |
| Bowser | | | | | |
| Andrews 70 T PRR 2E-F2 | 74091 | 1.025 - 1.027 | 11 | 33-1-1.045 | 26 |
| Arch Bar | 74326 | 1.023 - 1.024 | 13 | 33-1-1.035 | 23 |
| Bettendorf coil/leaf PRR 2D-F12 | 74190 | 1.040 | 18 | 33-1-1.035 | 26 |
| Bettendorf double coil PRR 2D-F8 for Coupler Mate | 74225 | 1.025 | 18 | 33-1-1.035 | 29 |
| Bettendorf double coil PRR 2D-F8 | 74277 | 1.021 - 1.025 | 18 | 33-1-1.035 | 26 |
| Caboose 2A-F | 74013 | 1.022 - 1.024 | 12 | 33-1-1.045 | 31 |
| Roller Bearing | | 1.015 - 1.019 | 15 | 33-1-1.035 | 21 |
| Branchline | | | | | |

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|------------------------------------|-------------|----------------------------------|----------------------|--|-----------------------|
| | | | | <i>Old part #WS1 is now 33-1</i> <i>Old part #WS2 is now 33-2</i> | w/REBOXX wheelsets |
| 40' Boxcars | | | | 33-1-1.020 | |
| C&BT Shops | | | | | |
| Bettendorf | | 1.016 - 1.017 | 16 | 33-1-1.020 | 25 |
| Central Valley | | | | | |
| Arch Bar | 253 | 1.025 - 1.028 | 16 | 33-2-1.020 | 19 |
| Bettendorf | | 1.027 - 1.028 | 12 | 33-2-1.020 | 16 |
| Roller Bearing | 256 | 1.020 - 1.029 | 10 | 33-2-1.035 | 20 |
| Con-Cor | | | | | |
| Barber S-2 33" brass wheels | 9220 | 1.017 - 1.018 | 18 | 33-1-1.025 | 28 |
| Barber S-2 33" plastic wheels | 9200 | 1.012 - 1.013 | 13 | 33-1-1.025 | 24 |
| Bettendorf | | 1.022 - 1.024 | 22 | 33-1-1.030 | 26 |
| E&C | | | | | |
| Barber S-2 w/plastic wheels | | 1.029 - 1.031 | 9 | 33-1-1.030 | 18 |
| Barber S-2 w/metal wheels | | 1.006 - 1.015 | 0 | 33-1-1.010 | 15 |
| Eastern Car Works | | | | | |
| ACF Express Reefer | 9041 | n/a | n/a | 33-1-1.000 | 23 |
| Allied Full Cushion | 9043 | | | | |
| Andrews 50 Ton | 9066 | | | | |
| Andrews 55 Ton | 9067 | | | | |
| Birdsboro/Andrews | 9055 | | | | |
| Barber-Bettendorf Caboose | 9051 | 0.993 - 1.008 | 13 | 33-1-1.020 | 26 |
| Barber S-2 Roller Bearing | 9054 | n/a | n/a | 33-1-1.000 | 25 |
| Bettendorf Friction Bearing | 9053 | 1.006 - 1.015 | 10 | 33-1-1.010 | 16 |
| Bettendorf RB Conversion | 9056 | 1.003 - 1.021 | 9 | 33-1-1.000 | 27 |
| Bettendorf 70Ton 5' WB | 9064 | | | | |
| Buckeye 125 Ton | 9058 | n/a | n/a | 33-1-0.990 | 20 |
| Buckeye Friction Bearing | 9072/9082 | n/a | n/a | 33-1-1.010 | 22 |
| 6 Wheel Buckeye Roller Bearing | 9073/9083 | n/a | n/a | 33-1-1.010 | 14 |
| Commonwealth Express | 9040 | n/a | n/a | 33-1-1.020 | 16 |
| Commonwealth BX RB | 9042 | | | | |
| Commonwealth 90 Ton | 9063 | | | | |
| 6 wheel Commonwealth Int. Pedestal | 9071/9081 | n/a | n/a | 33-1-1.010 | 22 |
| Dalman Two Level | 9061 | 1.017 - 1.025 | 4 | 33-1-1.000 | 25 |
| Dalman Tow Level 70 Ton 5' WB | 9065 | | | | |
| National B-1 | 9057 | | | | |
| National C-1 Friction Bearing | 9059 | 1.000 - 1.010 | 16 | 33-1-1.015 | 25 |
| National C-1 Roller Bearing | 9060 | n/a | n/a | 33-1-1.000 | 24 |
| National Super C-1 100T RB | 9062 | 1.022 - 1.028 | 0 | 33-1-1.000 | 27 |
| Taylor 70T Caboose/Freight | 9052 | 0.993 - 1.008 | 9 | 33-1-1.020 | 23 |
| Vulcan | 9068 | | | | |

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|--------------------------------------|-------------|----------------------------------|----------------------|---|------------------------------------|
| Eel River | | | | | |
| 70T RB | | | | 33-1-1.035 | 25 |
| Ertl | | | | | |
| Bettendorf | | 0.988 - 0.994 | 7 | 33-1-1.000 | 23 |
| Gloor Craft | | | | | |
| Andrews | 802 | 1.012 - 1.015 | 6 | 33-2-1.010 | 15 |
| IHC | | | | | |
| Archbar | 835 | 1.009 - 1.013 | 18 | 33-1-1.015 | 23 |
| Rivarossi Streamline w/small wheels | | 1.017 - 1.023 | 8 | 33-1-1.015 | 20 |
| InterMountain | | | | | |
| Andrews w/plastic wheel | | 0.988 - 0.997 | 15 | 33-1-1.000 | 27 |
| Andrews w/metal wheel | | 1.009 - 1.012 | 22 | 33-1-1.015 | 24 |
| ASF 50T w/plastic wheels, equalized | 40061 | 0.995 - 1.012 | 8 | 33-1-1.015 | 22 |
| ASF 50T w/plastic wheels, rigid | | | | | |
| ASF 50T w/metal wheels, equalized | | 1.007 - 1.010 | 18 | 33-1-1.020 | 23 |
| ASF 50T w/metal wheels, rigid | | | | 33-1-1.010 | 21 |
| Accurail Bettendorf w/plastic wheels | | 0.995 - 1.012 | 16 | 33-1-1.015 | 26 |
| Accurail Bettendorf w/metal wheels | | 1.007 - 1.014 | 18 | 33-1-1.010 | 22 |
| Kadee | | | | | |
| Andrews | 509 | 1.019 - 1.021 | 14 | 33-2-1.015 | 19 |
| Arch Bar | 501 | 1.013 - 1.018 | 6 | 33-2-1.025 | 19 |
| ASF 50T RB | 504 | 1.017 - 1.019 | 13 | 33-2-1.015 | 17 |
| Barber 70T RB | 518 | 1.018 - 1.021 | 13 | 33-2-1.015 | 16 |
| Bettendorf | 500 | 1.012 - 1.020 | 10 | 33-2-1.020 | 18 |
| Bettendorf ' T ' | 511 | 1.018 - 1.020 | 9 | 33-2-1.025 | 20 |
| PRR 50T 2DF8 | 517 | 1.015 - 1.017 | 12 | 33-2-1.015 | 19 |
| Vulcan | 515 | 1.022 - 1.027 | 7 | 33-2-1.015 | 12 |
| Kato | | | | | |
| ASF A-3 | 31601 | 0.963 - 0.965 | 23 | 33-1-0.950 | 25 |
| Keystone | | | | | |
| Grasse River | HO-30 | 1.009 - 1.014 | 5 | 33-2-1.025 | 11 |

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|--|-------------|----------------------------------|----------------------|---|------------------------------------|
| Life-Like | | | | | |
| Bettendorf plankless, flat back | 21253 | 1.016 | 17 | 33-1-1.015 | 25 |
| Bettendorf plankless, ribbed back | 21251 | 1.019 - 1.022 | 16 | 33-1-1.020 | 22 |
| Bettendorf Talgo | 1435 | 0.993 | 3 | 33-1-1.030 | 21 |
| National B-1 flat back | 21255 | 1.016 - 1.020 | 12 | 33-1-1.015 | 24 |
| National B-1 ribbed | 21254 | 1.009 - 1.016 | 12 | 33-1-1.015 | 23 |
| Lindberg/Kilgore/E-B | | | | | |
| Andrews | T-126 | 1.028 - 1.035 | 11 | 33-1-1.030 | 13 |
| Bettendorf | T-125 | 1.029 - 1.035 | 11 | 33-1-1.030 | 13 |
| National Timken | T-127 | 1.028 - 1.034 | 10 | 33-1-1.030 | 13 |
| Mantua | | | | | |
| Bettendorf | E1 | 1.010 | 18 | 33-1-1.010 | 19 |
| Marklin | | | | | |
| Caboose | | | | 33-1-0.965 | |
| Trix cars | | | | 33-1-0.965 | |
| McKean | | | | | |
| Bettendorf Rigid | | | | 33-1-1.015 | |
| MDC | | | | | |
| Arch Bar Cab/metal | | 1.019 - 1.031 | 10 | 33-2-1.045 | 13 |
| Arch Bar metal wheels | | 1.020 - 1.030 | 12 | 33-2-1.035 | 16 |
| Arch Bar plastic w/metal axles, plas wheels | 2922 | 1.020 - 1.038 | 17 | 33-1-1.030 | 22 |
| Arch Bar plastic w/metal axles & wheels | 2902 | 1.019 - 1.031 | 17 | 33-1-1.020 | 25 |
| Bettendorf Metal | | 1.020 - 1.028 | 10 | 33-2-1.050 | 16 |
| Bettendorf Plastic | 2923 | 0.977 - 1.017 | 7 | 33-1-1.035 | 21 |
| Bettendorf Plastic w/metal axles & wheels | 2903 | 1.025 - 1.037 | 14 | 33-1-1.025 | 23 |
| Fox w/metal wheels | 2904 | 1.021 - 1.022 | 14 | 33-1-1.020 | 28 |
| Fox w/plastic wheels | 2924 | 1.038 | 14 | 33-1-1.025 | 23 |
| Roller Bearing w/plastic wheels | 2918 | 1.033 - 1.035 | 4 | 33-1-1.020 | 20 |
| Roller Bearing Metal | | 1.007 - 1.027 | 12 | 33-2-1.035 | 16 |
| Roller Bearing Express w/metal axles & plastic wheels | 2925 | 1.024 - 1.027 | 15 | 33-1-1.020 | 26 |
| Model Power | | | | | |
| Bettendorf talgo, blunt axles | 9400-2 | 1.003 - 1.010 | 0 | n/a | |

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|--|-------------|----------------------------------|----------------------|--|-----------------------|
| | | | | Old part #WS1 is now 33-1 Old part #WS2 is now 33-2 | w/REBOXX wheelsets |
| Old Pullman | | | | | |
| Andrews black label | 40011 | 1.020 - 1.024 | 2 | 33-1-1.000 | 19 |
| Andrews red label, plastic wheels | 40061 | 1.009 - 1.011 | 16 | 33-1-1.020 | 24 |
| Bettendorf 50T black label, metal wheels | 40001 | 1.015 - 1.017 | 7 | 33-1-1.070 | 23 |
| Bettendorf 50T red label, plastic wheels | 40081 | 1.004 - 1.011 | 6 | 33-1-1.055 | 25 |
| Timken roller bearing 33" metal wheels | 40021 | 1.015 - 1.017 | 13 | 33-1-1.020 | 22 |
| Timken roller bearing 33" red label | 40091 | 1.010 - 1.014 | 18 | 33-1-1.015 | 27 |
| On-Trak | | | | | |
| 5' Arch Bar | 5304 | 0.985 - 0.993 | 1 | 33-2-1.025 | 18 |
| Perfect | | | | | |
| Bettendorf talgo | 444 | 1.012 - 1.013 | 10 | 33-1-1.010 | 18 |
| Red Caboose | | | | | |
| Andrews equalized | RP-5007 | 0.976 - 0.992 | 5 | 33-1-1.030 | 27 |
| 70 Ton RB Barber S-2, equalized | | n/a | | 33-1-1.015 | 21 |
| Bettendorf (Accurail) | 0100 Acc | 0.995 - 1.003 | 11 | 33-1-1.020 | 21 |
| T-Section Bettendorf equalized | RP-5004 | 0.990 - 0.996 | 11 | 33-1-1.010 | 23 |
| PRR 2D-F8, equalized | | 0.987 - 0.995 | 11 | 33-1-1.015 | 24 |
| Rocky Mountain Rails | | | | | |
| Bettendorf, sprung | | 1.023 - 1.029 | 9 | 33-1-1.015 | 30 |
| Silver Streak | | | | | |
| Andrews | | 1.021 - 1.028 | | 33-2-1.040 | |
| Arch Bar | | 1.026 - 1.028 | 8 | 33-2-1.040 | 17 |
| Bettendorf | | 1.021 - 1.028 | 6 | 33-2-1.030 | 21 |
| Stewart | | | | | |
| Bettendorf 70T | | 1.010 - 1.011 | 8 | 33-1-1.035 | 22 |
| Roller Bearing 70T | | 1.014 - 1.015 | 8 | 33-1-1.035 | 22 |
| Sunshine Dalman Two Level | | | | | |
| see Eastern Car Works | | | | | |
| PRR 2D-F12 metal, w/blunt axles | TM6 | n/a | | n/a | |
| Tichy | | | | | |
| Andrews equalized | 3012 | 1.019 - 1.022 | 8 | 33-1-1.020 | 21 |
| Andrews rigid | 3026 | 1.028 - 1.034 | 11 | 33-1-1.025 | 23 |
| Bettendorf (Athearn) | | 1.016 - 1.029 | 17 | 33-1-1.030 | 21 |
| Bettendorf | 3024 | 1.027 - 1.032 | 11 | 33-1-1.030 | 24 |
| Bettendorf equalized | 3008 | 1.022 - 1.027 | 5 | 33-1-1.020 | 25 |
| Bettendorf Leaf/Coil | 3049 | 1.026 - 1.030 | 6 | 33-1-1.020 | 25 |
| Bettendorf Caboose - older than 2 years | 3051 | 1.022 - 1.024 | 13 | 33-1-1.020 | 24 |
| Bettendorf Caboose - within 2 years | 3051 | | | 33-1-1.045 | |

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|---|-------------|----------------------------------|----------------------|---|------------------------------------|
| Tichy - continued | | | | | |
| Express | | | | 33-1-1.025 | |
| Roller Bearing | 3009 | 1.025 - 1.028 | 0 | 33-1-1.015 | 22 |
| Train Miniature | | | | | |
| Archbar rigid | | 1.031 - 1.036 | 14 | 33-1-1.025 | 21 |
| Archbar sprung | | 1.034 - 1.040 | 9 | 33-1-1.035 | 18 |
| Bettendorf rigid | 7002 | 1.030 - 1.039 | 15 | 33-1-1.030 | 21 |
| Bettendorf sprung | 7000 | 1.039 - 1.044 | 6 | 33-1-1.030 | 20 |
| Bettendorf late | | 0.987 - 1.001 | 9 | 33-1-1.015 | 20 |
| 'T' Section Bettendorf, rigid | | 1.031 - 1.038 | 13 | 33-1-1.030 | 21 |
| 'T' Section Bettendorf, sprung | 97000 | 1.026 - 1.033 | 9 | 33-1-1.035 | 21 |
| Trains Canada | | | | | |
| Bettendorf Roller Bearing Conversion | 1-3050 | 1.012 - 1.014 | | 33-1-1.020 | |
| Ulrich | | | | | |
| Bettendorf 'T' Section w/metal axles | | 1.020 - 1.032 | | 33-2-1.035 | |
| Bettendorf 'T' Section w/plastic axles & wheels | | 1.012 - 1.048 | 5 | 33-2-1.050 | 11 |
| Vulcan w/plastic wheels & axles | | 1.024 - 1.039 | 7 | 33-2-1.055 | 16 |
| Varney | | | | | |
| Dalman coil springs, plastic wheels | | 1.025 - 1.036 | 3 | 33-2-1.040 | 10 |
| Dalman rubber springs, plastic wheels | | 1.032 - 1.036 | 2 | 33-2-1.035 | 7 |
| Walthers | | | | | |
| Andrews plastic wheels, sprung | 1004 | 1.011 - 1.023 | 8 | 33-1-1.015 | 25 |
| Arch Bar plastic wheels, non-sprung | 1.01 | n/a | | 33-1-1.015 | 27 |
| Arch Bar metal wheels, leaf spring | 692 | 1.028 - 1.032 | 7 | 33-2-1.030 | 16 |
| Arch Bar metal wheels, non sprung | 1018 | | | | |
| Arch Bar plastic wheels, sprung | 1002 | 1.010 - 1.015 | 5 | 33-1-1.015 | 23 |
| Bettendorf plastic wheels, non-sprung | 1012 | 1.007 - 1.025 | 8 | 33-1-1.015 | 21 |
| Bettendorf metal wheels, non-sprung | 1008 | | | | |
| Bettendorf plastic wheels, sprung | 1001 | 1.023 - 1.025 | 0 | 33-1-1.025 | 21 |
| Bettendorf T Sec plastic wheels, non-sprung | 1011 | 1.002 - 1.012 | 12 | 33-1-1.025 | 26 |
| Bettendorf T Sec metal wheels, non-sprung | 1009 | 1.013 - 1.014 | 16 | 33-1-1.025 | 24 |
| Bettendorf T Sec plastic wheels, sprung | 1003 | | | | |
| Roller Bearing plastic wheels, non-sprung | 1013 | 1.020 - 1.017 | 17 | 33-1-1.020 | 26 |
| Roller Bearing plastic wheels, sprung | 1005 | 1.009 - 1.010 | 8 | 33-1-1.025 | 19 |
| Roller Bearing metal wheels, non-sprung | 1007 | 1.012 - 1.014 | 10 | 33-1-1.025 | 21 |
| Vulcan metal wheels, spring | 821 | 1.028 - 1.030 | 0 | 33-2-1.030 | 20 |