

# REBOXX HO 33" WHEEL APPLICATION CHART

399 River Road, Hudson, MA 01749

978-568-9941 / 800-935-2195

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Manufacturer & Truck Type	Mfgr Part #	Axle Length Range (in inches)	Roll Test as mfgd	REBOXX Part #	Roll Test
				<i>Old part #WS1 is now 33-1 Old part #WS2 is now 33-2</i>	w/REBOXX wheelsets
<b>Accurail</b>					
Andrews	0103			33-1-1.025	
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
<b>AHM</b>					
Bettendorf		0.0970 - 0.0974	5	33-1-0.990	20
<b>Athearn</b>					
Andrews Metal		1.028 - 1.030		33-2-1.040	
Bettendorf Metal w/plastic wheels		1.014 - 1.032	8	33-2-1.055	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
<b>Atlas</b>					
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	
<b>Bachmann</b>					
Bettendorf w/metal wheels		0.969 - 0.971	15	33-1-1.015	25
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	
<b>Bethlehem</b>					
Caboose	124	1.012	15	33-2-0.950	17
<b>Bowser</b>					
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
<b>Branchline</b>					

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40' Boxcars				33-1-1.020	
<b>C&amp;BT Shops</b>					
Bettendorf		1.016 - 1.017	16	33-1-1.020	25
<b>Central Valley</b>					
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
<b>Con-Cor</b>					
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
<b>E&amp;C</b>					
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
<b>Eastern Car Works</b>					
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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<b>Eel River</b>					
70T RB				33-1-1.035	25
<b>Ertl</b>					
Bettendorf		0.988 - 0.994	7	33-1-1.000	23
<b>Gloor Craft</b>					
Andrews	802	1.012 - 1.015	6	33-2-1.010	15
<b>IHC</b>					
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
<b>InterMountain</b>					
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
<b>Kadee</b>					
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
<b>Kato</b>					
ASF A-3	31601	0.963 - 0.965	23	33-1-0.950	25
<b>Keystone</b>					
Grasse River	HO-30	1.009 - 1.014	5	33-2-1.025	11

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<b>Life-Like</b>					
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
<b>Lindberg/Kilgore/E-B</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
<b>Mantua</b>					
Bettendorf	E1	1.010	18	33-1-1.010	19
<b>Marklin</b>					
Caboose				33-1-0.965	
Trix cars				33-1-0.965	
<b>McKean</b>					
Bettendorf Rigid				33-1-1.015	
<b>MDC</b>					
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
<b>Model Power</b>					
Bettendorf talgo, blunt axles	9400-2	1.003 - 1.010	0	n/a	

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<b>Old Pullman</b>					
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
<b>On-Trak</b>					
5' Arch Bar	5304	0.985 - 0.993	1	33-2-1.025	18
<b>Perfect</b>					
Bettendorf talgo	444	1.012 - 1.013	10	33-1-1.010	18
<b>Red Caboose</b>					
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
<b>Rocky Mountain Rails</b>					
Bettendorf, sprung		1.023 - 1.029	9	33-1-1.015	30
<b>Silver Streak</b>					
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
<b>Stewart</b>					
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
<b>Sunshine Dalman Two Level</b>					
see Eastern Car Works					
PRR 2D-F12 metal, w/blunt axles	TM6	n/a		n/a	
<b>Tichy</b>					
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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<b>Tichy - continued</b>					
Express				33-1-1.025	
Roller Bearing	3009	1.025 - 1.028	0	33-1-1.015	22
<b>Train Miniature</b>					
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
<b>Trains Canada</b>					
Bettendorf Roller Bearing Conversion	1-3050	1.012 - 1.014		33-1-1.020	
<b>Ulrich</b>					
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
<b>Varney</b>					
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
<b>Walthers</b>					
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