

LGB 2143 RhB Ge 4/4''

Dimension or feature	Prototype	1:22.5	LGB	LGB Scale	% error +/-	Score
Width	2650	117.8	110	1:24.1	-7.1%	Passable
Height	3890	172.9	173.5	1:22.4	+0.3%	Excellent
Length over buffers	12940	575.1	576	1:22.5	+0.2%	Excellent
Axle distance	8500	377.8	370		-2.1%	Very Good
Axle distance within truck	2300	102.2	97		-5.4%	Good
Kingpin distance	6200	275.5	273		-0.9%	Excellent
Wheel dia.	1070	47.6	37.5		-26.9%	Questionable
Railhead to Center of buffer	620	27.6	30.5		-9.5%	Passable
Railhead to Top of Roof	3400	151.1	156.0		+0.2%	Excellent
Width of Doors	700	31.1	26.9		-15.6%	Questionable
Length of Body	12250	544.4	545		+0.1%	Excellent

Comments:

How the measurements are rated:

+/- 1.0% or better : **Excellent**
 +/- 1.1 to 4% : **Very Good**
 +/- 4.1 to 7% : **Good**
 +/- 7.1 to 10% : **Passable**
 +/- 10.1% and above : **Questionable**

Measurements taken with:

Vernier (0-450mm; 0.02mm accuracy)
 Digital Vernier (0-200mm; 0.01mm accuracy)
 Height Gauge (0-250mm; 0.02mm accuracy)