

LGB 31690 RhB D 4215

Dimension or feature	Prototype	1:22.5	LGB	LGB Scale	% error +/-	Score
Width	2480	110	103	24.1	- 6.8%	Good
Height	3420	152	157	21.8	+ 3.2%	Very Good
Length over buffers	13736	612	618	22.2	+1%	Excellent
Axle distance	9900	440	468		+ 6%	Good
Kingpin distance	8100	360	388		+ 7.7%	Passable
Axle distance within truck	1800	80	80		0%	Excellent
Wheel dia.	750	33.3	30.8		- 8.2%	Passable
Railhead to Center of buffer	620	27.6	33.5		+ 17.7%	Questionable
Length of Body	12700	564	579		+ 2.6%	Very Good
Railhead to Skirt	620	27.5	33		+ 20%	Questionable
Height of Windows	950	42.2	35		- 20%	Questionable

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)