

LGB 41810 RhB Gb 5809

| Dimension or feature | Prototype | 1:22.5 | LGB | LGB Scale | % error +/- | Score |
|---------------------------------|---|--------|---------------------|-----------|---|--------------|
| Width | 2480 | 110.2 | 114.1 | 1:21.5 | + 4.4% | Good |
| Height | 3361 | 149.4 | 153 | 1:22 | + 2.4% | Very Good |
| Length over buffers | 8540 | 379.5 | 389 | 1:22 | + 2.5% | Very Good |
| Axle distance | 4200 | 186.7 | 187.2 | | + 0.2% | Excellent |
| Wheel dia. | 750 | 33.3 | 30.5 | | - 8.4% | Passable |
| Railhead to Center of buffer | 615 | 27.3 | 32 | | + 17.2% | Questionable |
| Railhead to platform | 880 | 39.1 | 43.2 | | + 10% | Passable |
| Width of Platform | 7500 | 333.3 | 357.8 | | + 7.3% | Passable |
| Length of Body | 7070 | 314.2 | 316.5 | | + 0.7% | Excellent |
| Number of boards in Sidewalls | 18 | | 18 | | | |
| Comments: | Incorrect Roof panels | | Truss rods missing | | Prototype doesn't have electrical connections | |
| 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) | | | | | |