

## Box car, model 11-6874



### Description

Universal boxcar with 175-m<sup>3</sup> body space has the best combination of main technical-economic characteristics amongst freight cars-counterparts existing on the market. Payload capacity of 73 t increased by 7% compared to standard boxcars. The size of the doorway opening provide for carrying out of loading-unloading operations with all existing types of automatic loaders.

A significant competitive advantage of the freight car are the terms of between-repair runs, contributing to the reduction, by almost 3 times, of the freight car life cycle costs. Freight car length over pulling faces of couplers provides for the optimal conditions during shunting on rail sidings and elevated structures, during loading-unloading operations and weighing.

The designer: All-Union Research and Development Centre for Transportation Technology, LLC.



## Specifications

Technical specification	Car model 11-6874
Payload capacity, t	73
Body space, m <sup>3</sup>	175
Tare weight, t	26.5±0.5
Length over coupler pulling faces, mm	19,200±25
Body internal dimensions (L × W × H), mm	17,970 × 2,865 × 2,915
Car width, maximum, mm	3,240
Height from rail top level, maximum, mm	4,770
Size of the doorway into the light, mm	4,020 × 2,830
Floor area, m <sup>2</sup>	51.5
Gabarit as per GOST 9238-2013	1-T
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245 (25)
Service life, years	32
Regulatory overhaul period, up to mln km (years)	1 (8)