

Solid-bottom gondola, model 12-6995



Description

The 12-6995 gondola car is designed for the transport of wood chips on mainline railways with 1,520 mm gauge.

Volume of 211 m³ and enhanced load capacity enable transport of up to 70 tons of wood chips in each car, which is almost 15 tons more than in standard analogues. The additional capacity reduces required fleet size by up to 20%. Extended periods between scheduled maintenance (up to 1 million km or 8 years) significantly reduce the life-cycle cost of the car (service life is 40 years). The tariff effect and increased periods between maintenance offer major reductions in the average cost of transporting goods.

The 12-6995 gondola car is compatible with the infrastructure of shippers and consignees. The car travels smoothly along straight and curved track sections, including small-radius curves.

Designer: All-Union Research and Development Centre for Transportation Technology.

Manufacturer: TikhvinSpetsMash



Specifications

| Technical specification | Model 12-6995 |
|--|------------------------|
| Payload capacity, t | 70 |
| Body space, m ³ | 211 |
| Tare weight, t | 29.5 ± 0.5 |
| Length over coupler pulling faces, mm | 23,800 |
| Wheel base, mm | 17,800 |
| Body internal dimensions (L × W × H), mm | 22,800 × 3,010 × 3,075 |
| Gabarit as per GOST 9238-83: body | Тnp |
| Bogie model | 18-9855 |
| Estimated static load from the wheel set on rails, kN (tf) | 245.2 (25) |
| Regulatory overhaul period, up to mln km (years) | 1 (8) |
| Service life, years | 40 |