

Solid-bottom gondola, model 12-9869 (98 m³)



Description

In terms of its technical-economic characteristics the new generation freight gondola of model 12-9869 leaves its counterparts, existing on the CIS market, far behind. Increased up to 98 m³ the car cubic capacity allows the freight car to come out in a segment of effective transportation of goods with low bulk density, first of all, transportation of brown coals. The customers will benefit from a considerable reduction of average cost of freight transportation due to the tariff effect combined with increased between-repairs run of this model.

Considerable competitive advantage of the car model 12-9869 are increased terms of between-repairs run, which provide for the reduction of the freight car life cycle costs by almost 3 times. Standard dimension 1-BM provides for unhampered interaction with loading-unloading infrastructure.





Specifications

Technical specification	Model 12-9869
Payload capacity, t	77
Body space, m ³	98
Tare weight, t	22.5 ± 0.5
Length over coupler pulling faces, mm	13,920
Wheel base, mm	8,650
Body internal dimensions (L × W × H), mm	12,780 × 2,986 × 2,425
Gabarit as per GOST 9238-83: body	1-BM
Gabarit as per GOST 9238-83: bogie	02-BM
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.2 (25)
Service life, years	32
Regulatory overhaul period, up to mln km (years)	1 (8)