

Multi-purpose platform, model 13-6851/13-6851-04



Description

New generation platform with 25 tf axle load with 77.5 t payload capacity and 40 feet loading length.

The freight car is designed for the transportation of wheeled and tracked vehicles, large-capacity containers and containers-tanks, for non-hazardous freight with gross weight up to 36 t. Construction design of the platform provides fatigue strength in the course of the whole 40 years of its service life. Increased terms of between-repairs run, which provide for the reduction of the freight car life cycle costs by almost 3 times, are a considerable competitive advantage of the platform of model 13-6851.

Designed by: LLC "All-Union Research and Development Centre for Transportation Technology".



Specifications

Technical specification	Model 13-6851/13-6851-04
Payload capacity, t	77.5
Tare weight, t	22
Length over coupler pulling faces, mm	14,620
Wheel base, mm	9,720
Width, mm	3,130
Gabarit as per GOST 9238-83: body	0-BM
Gabarit as per GOST 9238-83: bogie	02-BM
Types of transported containers as per GOST P 53350-2009	1EEE, 1EE, 1AAA, 1AA, 1A, 1AX, 1CC, 1C, 1CX
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.2 (25)
Service life, years	40
Regulatory overhaul period, up to mln km (years)	1 (8)