

Platform for the transportation of large-capacity containers, model 13-6851-01/13-6851-05



Description

New generation platform with 25 tf axle load and with 80 t payload capacity.

40-ft platform of model 13-6851-01 is designed for the transportation of large-capacity containers and tank-containers for non-dangerous goods with a gross weight of up to 40 tons (model 13-6851-05 is designed for the transportation of tank-containers containing dangerous goods).

Key competitive advantages of 40-ft container platform of model 13-6851-05 are enhanced reliability and safety during the transportation of heavy containers due to the running gear with 25 tf axle load and the reinforced construction of the center sill and fitting stops. Application in the freight car design of the draft gear of the class T3 provides for a possibility of transportation of tank-containers containing dangerous goods.

The construction of the platform of models 13-6851-01 and 13-6851-05 provides for fatigue strength for the entire service life of 40 years. Increased terms of between-repairs runs, which provide for the reduction of the freight car life cycle costs by almost 3 times, are a considerable competitive advantage of the freight car.

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

Specifications

Technical specification	Model 13-6851-01/13-6851-05
Payload capacity, t	80
Tare weight, t	19.5
Length over coupler pulling faces, mm	14,620
Width, mm	2,984
Height from rail top level, mm	1,297
Height from rail top level to coupler centerline, mm	1,040 - 1,080
Number of folding stops for containers attachment, pcs.	12
Number of stationary stops for containers attachment, pcs.	4
Gabarit as per GOST 9238-2013	0-BM
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.25 (25)
Service life, years	40
Regulatory overhaul period, up to mln km (years)	1 (8)