

Hopper car for transportation of grain, model 19-9870-01



Description

The leader of UWC Holding in the production line of new generation hopper cars for transportation of grain.

The space of the hopper car body amounts to 101 m³, this advantage makes it feasible to increase by 6-7% its useful loading and utilize its payload capacity to the full when transporting a wide range of lightweight grain products. Increased terms of between-repairs run, which provide for the reduction by almost 3 times of the car life cycle costs, are a considerable competitive advantage of the freight car of model 19-9870-01. Hopper car for transportation of grain is completely compatible with the existing infrastructure and can be operated at all types of loading-unloading terminals.





Specifications

Technical specification	Model 19-9870-01
Payload capacity, t	76.5
Body space, m ³	101
Tare weight, t	23
Height from rail top level, mm	4,764
Number of loading / unloading hatches, pcs	4/6
Unloading mechanism	Lever-screw mechanism
Number of locking and sealing devices, pcs	2
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 (25)
Service life, years	32
Regulatory overhaul period, up to mln km (years)	1 (8)

Cargoes

Cargo	OOH code cargo
Wheat	01100
Barley	01400
Clay	15106
Schroth stern, not specified in the alphabet	54222
Grain maize	01500
Schroth, containing not more than 1.5% oil and less than 11% moisture	54223
Raw sugar	52105
Malt grain	01811
Urea (urea artificial)	43304
Corn beans	01802
Flax seeds	02107
Beet pulp	54207
Pomace	54205
Rye	01200
Other cargoes	O/R