

12-7023-02 MODEL OPEN-TOP CAR



Universal four-axle, all-metal freight car with enlarged body welded of higher strength steel 09G2C and intended for transportation of loose packaged, piece loads requiring no protection from atmospheric precipitation. The opened body has fourteen discharging hatches forming the floor of the freight car. The open-top car is to be unloaded through discharging hatches or by a tilter.

The brakes – automatic pneumatic and manual parking. The running gear consists of two 2-axle bogies of 18-7020, with TBU-type roller bearings with adapter and elastic-roller sliders. Usage of bogies mod.18-100 under GOST 9246-2004 is possible. Automatic coupler - CA-3. The draft friction gear is PT- 120 type

TECHNICAL CHARACTERISTICS	
Cargo capacity, t	70,5
Body volume, m3	90
Freight car mass, t	23,0
Calculated load from wheelset on rail, kN(tf)	230,5 (23,5)
Freight car base, mm	8650
Freight car length as per coupling axles, mm	13920
Overall dimensions under GOST	1-BM
Coupling axis height over rail level, mm	1060±20
Body internal dimensions:	
- Length	12 478
- Width	2 952
- Height	2 362
Design speed, km/h	120