

12-791 MODEL OPEN-TOP CAR



The open-top car is universal four-axle, all-metal freight car with welded body and semi-cylindrical bottom intended for transportation of timber, rolled steel, loose packaged, piece loads requiring no protection from atmospheric precipitation. The car body is without discharging hatches with rounded surfaces in jointing corners between the under frame, side and end walls, and insures tilter unloading with possible minimum load remaining.

The brakes – automatic pneumatic and manual parking. The running part - two-axle bogies mod.18-100 under GOST 9246-79. Automatic coupler - CA-3. . The draft friction gear of increased power consumption of class, not lower than T1.

TECHNICAL CHARACTERISTICS	
Cargo capacity, t	71
Body volume, m3	80
Freight car mass, t	22,9
Calculated load from wheelset on rail, kN(tf)	230,3 (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	12 460
- Width	3 070
- Height	2 235
Design speed, km/h	120