

19-765 MODEL HOPPER CARS FOR ALUMINA TRANSPORTATION



The hopper car is intended for transportation of bulk alumina, cement and other building and granulated materials, requiring protection from atmospheric precipitation, with loading through upper hatches and gravitational unloading through bottom hatches on special unloading equipment between rails. The car is intended for railway net of Ukraine, the CIS and Baltic states with railway gauges 1520 mm.

Brakes – automatic pneumatic, manual parking. Running gear – two double-axle bogies mod.18-100 type 2 (GOST 9246-2004) Automatic coupler CA-3. The draft friction gear of increased power consumption of class T1.

Cargo capacity, t	73
Body volume, ì3	72
Freight car mass, t	20,5
Calculated load from wheel set on rail, kN(tf)	230,3 (23,5)
Freight car base, mm	9000
Freight car length as per coupling axis, mm	13220
Overall dimension under GOST 9238	1-BM
Coupling axis height over rail level,mm	1060±20
Quantity of hatches:	
 Loading	4
 Unloading	6
Design speed, km/h	120
Service life, years	26