

# 19-7016 MODEL GRAIN HOPPER CAR



The hopper car is intended for transportation of corn and other bulk cargoes, requiring protection from atmospheric precipitation, with loading through upper hatches and gravitational unloading through bottom hatches on special unloading equipment between rails. The hopper car is intended for railway net of Ukraine, the CIS countries, Baltic states with railway gauge 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.

<b>Cargo capacity, t</b>	<b>70,2</b>
<b>Body volume, ÷3</b>	108
<b>Freight car mass, t</b>	23,5
<b>Calculated load from wheel set on rail, kN(tf)</b>	230,3 (23,5)
<b>Freight car base, mm</b>	10500
<b>Freight car length as per coupling axis, mm</b>	14720
<b>Overall dimension under GOST 9238</b>	1-T
<b>Coupling axis height over rail level,mm</b>	1060±20
<b>Quantity of hatches:</b>	
<b>  Loading</b>	4
<b>  Unloading</b>	3
<b>Design speed, km/h</b>	120
<b>Service life, years</b>	30

