

Gondola model 12-127

Specifications of the wagon

Model:	12-127
Model number:	69
Name:	gondola car
Wagon type:	4-axle gondola car with hatches in the floor with a brake platform
Additional feature:	Characteristics does not contain
Model feature:	With unloading hatches and blind end walls (doors)
Accounting specialization of the model:	universal gondola car
Manufacturer:	Romania (Caracal, Arad, Severin) (stamp 6714)
Project number:	127.00.000
Body material:	09G2S, 09G2D, 09G2, 09G2SD-12
Cart:	18-100
Wagon axle:	four
Track width:	1520 mm
The presence of a transitional platform:	There is
Parking brake available:	There is
Possibility to install buffers:	Not
Design speed:	120 km/h
Wagon tare (minimum):	23.0 t
Wagon tare (maximum):	23.1 t
Load capacity:	70.0 t
Volume:	76.0 m ³
Maximum calculated static load from the wheelset on the rails:	230.3 kN
Maximum calculated linear load:	66.3 kN/m
Wagon base:	8650 mm
Specific volume	1.09 m ³ / t
Number of unloading hatches	14 pcs
Floor area	36.55 m ²
Opening angle of middle manhole covers	31°
Opening angle of manhole covers above bogies	23.30°
Manhole cover opening angle above the brake cylinder	27°
Height from rail head to bottom rail	1415 mm
Availability of end doors	No
Car interior dimensions	
Height:	2060 mm
Width:	2878 mm
Length:	12700 mm
External dimensions of the wagon	

Height from rail head level:	3495 mm
Maximum Width:	3134 mm
Dimensions according to GOST 9238-2013:	0-VM
Length along the axes of automatic couplers:	14520 mm
Frame length:	13440 mm
Automatic coupler height from the level of the rail head:	1040..1080 mm
Starting year of series production:	1989
Normative service life:	22

Overhaul runs and timing of scheduled repairs for the car mod. 12-127

Depot repair (DR) after	The buildings	3 years
	Depot repair (DR) to the first overhaul (CR)	1 year
	Depot repair (DR) after the first overhaul (CR)	1 year
	Capital repairs (KR)	2 years
Overhaul (KR) after	The buildings	11 years
Mileage after	The buildings	210 thousand km
		3 years
	Depovsky repair (DR)	110 thousand km
		2 years
	Capital repairs (KR)	160 thousand km
		2 years
	Overhaul with service life extension (KRP)	210 thousand km
		3 years

Photos of the car

