

Gondola car model 12-141

Specifications of the wagon

Model:	12-141
Model number:	72
Name:	gondola car
Wagon type:	4-axle gondola car with hatches in the floor without 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:	Joint Stock Company "Scientific and Production Corporation "Uralvagonzavod" named after F.E. Dzerzhinsky (stamp 5)
Project number:	141.00.000
Specifications:	TU 3-2064-89
Body material:	09G2S, 09G2D, 09G2, 09G2SD-12
Cart:	18-100
Wagon axle:	four
Track width:	1520 mm
The presence of a transitional platform:	Not
Parking brake available:	There is
Possibility to install buffers:	Not
Design speed:	120 km/h
Wagon tare (minimum):	22.0 t
Wagon tare (maximum):	23.0 t
Load capacity:	71.0 t
Volume:	77.0 m ³
Maximum calculated static load from the wheelset on the rails:	230.3 kN
Maximum calculated linear load:	66.2 kN/m
Wagon base:	8650 mm
Specific volume	1.41 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	22°
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:	13920 mm
Frame length:	12780 mm
Automatic coupler height from the level of the rail head:	1040..1080 mm
Starting year of serial production:	1990
Year of the end of serial production:	1993
Normative service life:	22

Overhaul runs and timing of scheduled repairs for the car mod. 12-141

Depot repair (DR) after	The buildings
	Depot repair (DR) to the first overhaul (CR)
	Depot repair (DR) after the first overhaul (CR)
	Capital repairs (KR)
Overhaul (KR) after	The buildings
Mileage after	The buildings
	Depovsky repair (DR)
	Capital repairs (KR)
	Overhaul with service life extension (KRP)

Photos of the car

