

Gondola car model 12-532

Comparison of cars of model 12-532 of various modifications.

Specifications of the wagon

Model:	12-532
Model number:	97
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:	P / in with unload. hatches in the floor and end 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:	532.00.000-0
Specifications:	TU 3-945-76
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):	21.1 t
Wagon tare (maximum):	22.1 t
Load capacity:	63.0 t
Volume:	73.0 m ³
Maximum calculated static load from the wheelset on the rails:	223.4 kN
Maximum calculated linear load:	64.3 kN/m
Wagon base:	8650 mm
Number of unloading hatches	14 pcs
Floor area	35.5 m ²
Opening angle of middle manhole covers	31°
Opening angle of manhole covers above bogies	23.5°
Width of the doorway with the doors open	2530 mm
Car interior dimensions	
Height:	2060 mm
Width:	2878 mm

Length:	12118 mm
External dimensions of the wagon	
Height from rail head level:	3484 mm
Maximum Width:	3134 mm
Dimensions according to GOST 9238-2013:	0-VM
Length along the axes of automatic couplers:	13920 mm
Frame length:	12700 mm
Automatic coupler height from the level of the rail head:	1040..1080 mm
Starting year of series production:	1973
Year of the end of serial production:	1977
Normative service life:	22

Overhaul runs and timing of scheduled repairs for the car mod. 12-532

Depot repair (DR) after	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 with service life extension (KRP)	3 years
Overhaul (KR) after	The buildings	0
Capital repairs (KR)	8 years	
Service life extension after overhaul with service life extension (KRP)		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



Other modifications of the car model 12-532

- [Gondola model 12-532, JSC "NPK "Uralvagonzavod", production from 1978 to 1980](#)
- [Gondola model 12-532, JSC "NPK "Uralvagonzavod", production from 1979 to 1984](#)
- [Gondola model 12-532, JSC "NPK "Uralvagonzavod""", production from 1985 to 1988](#)

The characteristics of various modifications are generally similar, manufacturers, load capacity, bogie models may differ. You can use the wagon comparison service to see the differences (the button under the heading of the wagon model at the top of the page).