

Gondola car model 12-753

Specifications of the wagon

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| Model: | 12-753 |
| Model number: | 102 |
| 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: | Public Joint Stock Company "Kryukov Carriage Works" (stamp 27) |
| Project number: | 753.00.000-00 |
| Specifications: | TU 24.05.812-83 |
| 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: | There is |
| Design speed: | 120 km/h |
| Wagon tare (minimum): | 22.0 t |
| Wagon tare (maximum): | 23.0 t |
| Load capacity: | 69.0 t |
| Volume: | 74.0 m ³ |
| Maximum calculated static load from the wheelset on the rails: | 228.0 kN |
| Maximum calculated linear load: | 64.5 kN/m |
| Wagon base: | 8650 mm |
| Number of unloading hatches | 14 pcs |
| Floor area | 36.15 m ² |
| Opening angle of middle manhole covers | 31° |
| Opening angle of manhole covers above bogies | 23.5° |
| Height from rail head to bottom rail | 1416 mm |
| The size of the unloading hatches in the clear | 1327x1540 mm |
| Number of end doors | 2 pcs |
| Car interior dimensions | |
| Height: | 2060 mm |
| Width: | 2878 mm |

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| Length: | 12324 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: | 12802 mm |
| Automatic coupler height from the level of the rail head: | 1040..1080 mm |
| Starting year of series production: | 1983 |
| Year of the end of serial production: | 1989 |
| Normative service life: | 22 |

Overhaul runs and timing of scheduled repairs for the car mod. 12-753

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| 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 | 11 years |
| | 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

