

## Special open wagon series Faccs-z (699) for transport of ballast



Freight wagons series Faccs-z are 4-axle open wagons for transporting ballast (for construction and track repair), crushed stone and other materials with grain size larger than 1mm which do not need to be protected from atmospheric influences. Loading is performed through the top hatch and unloading by gravity through funnels with partial or complete opening of one or more hatches on one or both sides of the wagon. The load flow through unloading hatches can be modified or completely stopped. Unloading of these wagons is performed on one or the other side as well as through the middle, between the wheels, or simultaneously combining everything. The specific feature of the wagons series Faccs-z with numeric mark 699 5... is that their body is divided in three compartments and each of the compartments has one lateral hatch so that there are three hatches for unloading on each lateral side. The materials are unloaded from the wagon through all hatches by gravity and hatches are closed with segmented doors regulating the flow of materials being unloaded. Segmented doors are operated by the mechanism located on one of the wagon's platforms.

### Technical characteristic of the freight wagon series Faccs-z

LETTER WAGON SERIES		Faccs	Faccs	Faccs
NUMERIC WAGON SERIES		699 40..	699 41..	699 5...
Number of axles	-	4	4	4
Distance between bogie pivots	m	7,20	8,00	10,40
Distance between end axles	m	9,00	11,52	12,20
Length over buffers	m	12,24	13,04	15,44
Loading hatch – length	m	7,40	10,10	10,12
Loading hatch – width	m	2,38	2,26	2,26
Height up to the loading hatch	m	3,75	3,75	3,83
Height up to the unloading hatch	m	0,19	0,19	0,19
Number of silos	-	2	3	3
Unloading funnels - number	-	4	6	6
Unloading funnels – width	m	1,25	0,81	0,65
Useful volume	m <sup>3</sup>	34,00	38,00	40,50
Wagon dead weight (tare)	t	20,50	22,00	24,00
Interoperability capacity	-	NO	NO	NO

### Meaning of the subseries for the wagon series F:

**a** – with 4 axles

**cc** – with gravity unloading, with modification, on the selected side, low

**s** – for the speeds of up to 100 km/h

**z** – hand brake

### Loading limit in tons:

	A	B	C
S	39,00	47,00	55,00

\* Wagon loading limits can be, depending on the wagon dead weight (tare), slightly higher or lower than the values indicated in the above table