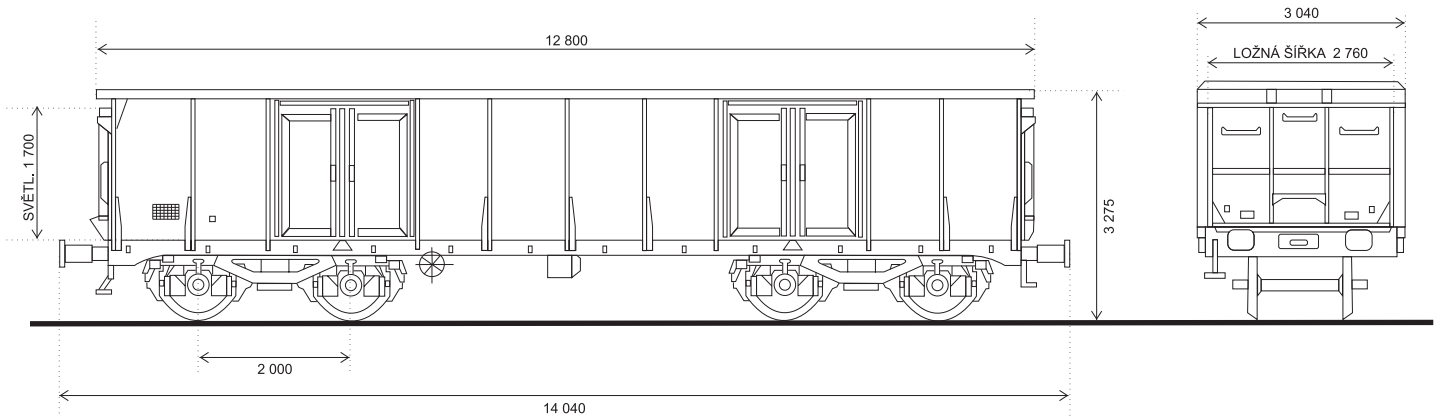


## Eas / Eas-z - OPEN HIGH-SIDED WAGON WITH OPENING ENDS



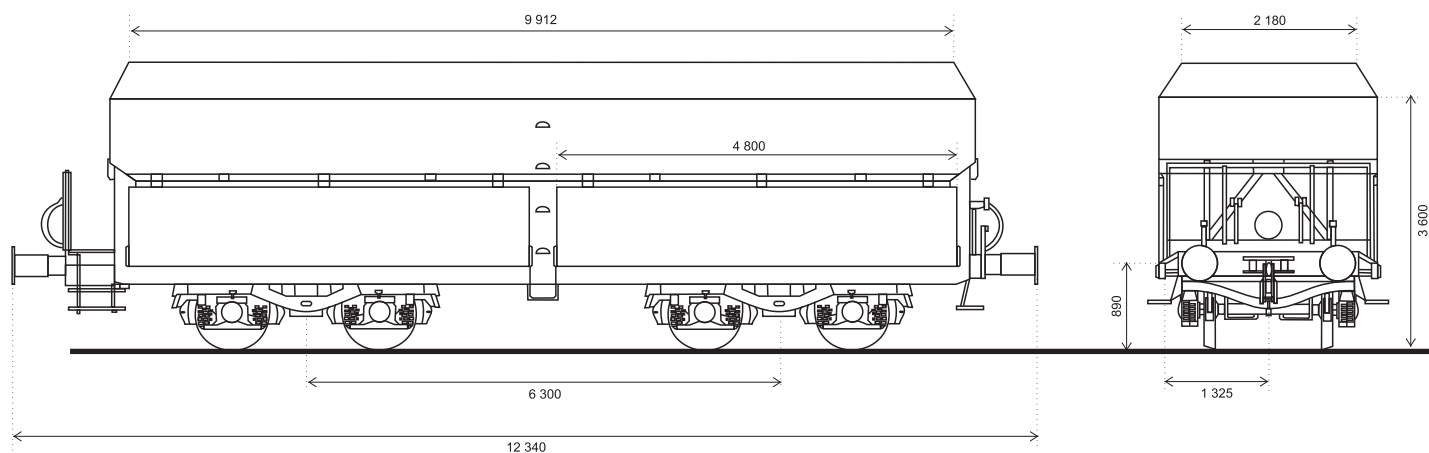
## COMMODITIES

Coal, coke and other bulk, free-flowing materials, not sensitive to climatic and environmental interferences.

## TECHNICAL PARAMETERS

Wagon type		Eas	Eas-z
Interval of numbers of wagon		5423, 5948	5954
Number of axles		4	4
Exchange code		33	33
Length between buffers	[m]	14,04	14,04
Weight of empty wagon	[t]	23,5	23,5
	A[t]	41	41
	B[t]	49	49
Loading capacity (for 90 km/h)	C[t]	57	57
Wheel base of wagon	[m]	9	9
Loading length	[m]	12,8	12,8
Loading width	[m]	2,76	2,76
Loading space	[m <sup>2</sup> ]	36	36
Loading height	[m]	2,03	2,03
Loading volume	[m <sup>3</sup> ]	72	72
Type of bogie		Y25	Y25Cs

## Fals-z - OPEN WAGON WITH GRAVITY UNLOADING



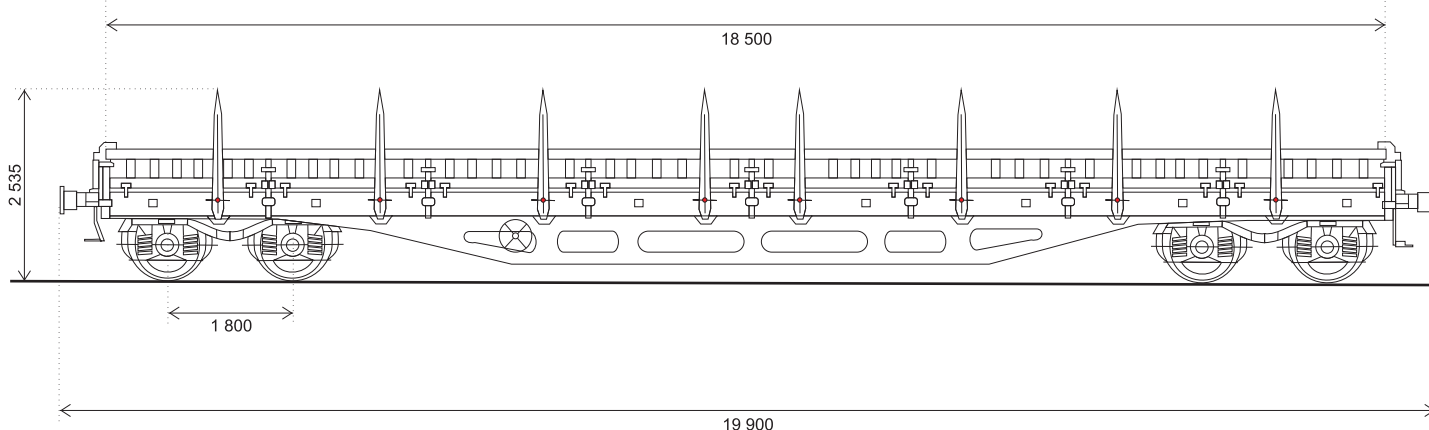
## COMMODITIES

Coal, coke, other bulk goods, not sensitive to climatic and environmental interferences.

## TECHNICAL PARAMETERS

Wagon type		Fals-z
Interval of numbers of wagon		6650, 6653
Number of axles		4
Exchange code		33
Length between numbers	[m]	12,34
Weight of empty wagons	[t]	23,7
	A[t]	36
	B[t]	49
Loading capacity (for 100 km/h)	C[t]	57
Wheel base of wagon	[m]	6,3
Loading openings	number	1
	length [m]	11,4
	width [m]	1,85
Loading volume	[m <sup>3</sup> ]	60

## Res-z / Regs-z - FLAT WAGON



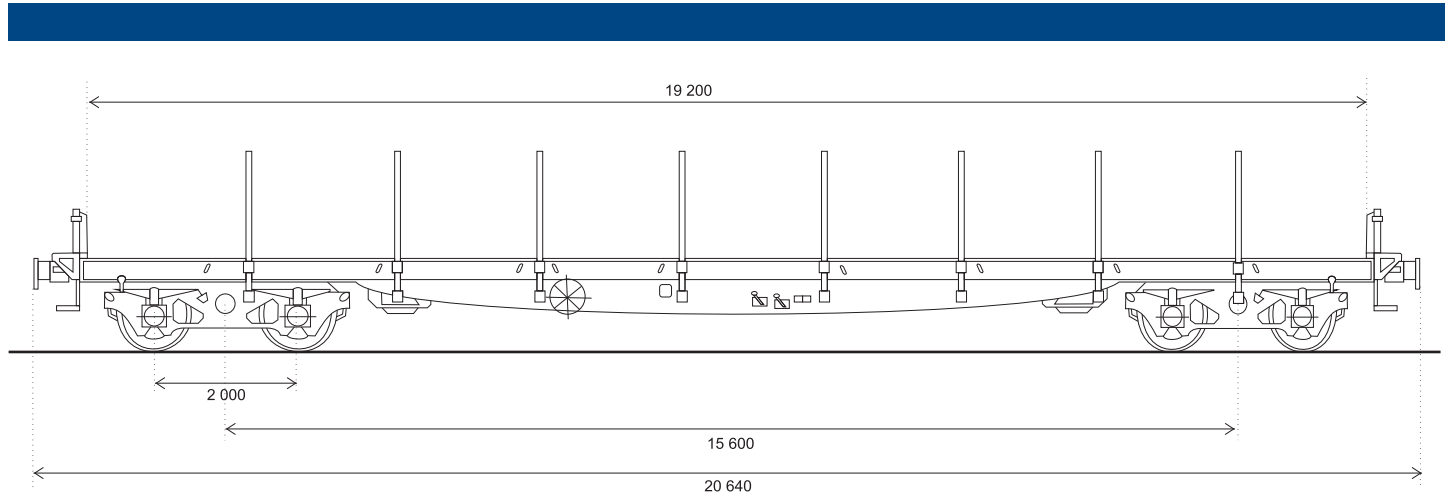
## COMMODITIES

Long and piece cargo such as timber, poles and other bar material, not sensitive to climatic and environmental interferences.

## TECHNICAL PARAMETERS

Wagon type		Res-z	Regs-z
Interval of numbers of wagon		3937	3923
Number of axles		4	4
Exchange code		33	33
Length between buffers	[m]	19,9	19,9
Weight of empty wagon	[t]	25	25
	A[t]	40	40
	B[t]	48	48
Loading capacity (for 100 km/h)	C[t]	56	56
Wheel base of wagon	[m]	14,86	14,86
Loading length	[m]	18,5	18,5
Loading width	[m]	2,64	2,64
Loading space	[m <sup>2</sup> ]	49	49
Height of side-wall	[m]	0,5	0,5
Height of stanchion	[m]	1,3	1,3
Number of mandrels for securing of container		-	8

## Sgs-z / Sgss-z - FLAT WAGON



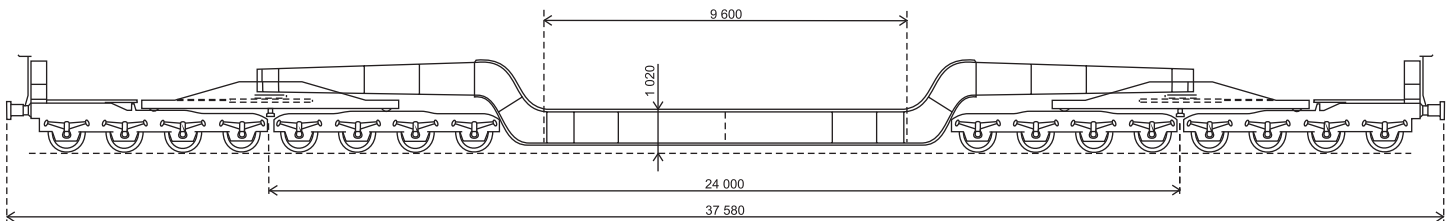
## COMMODITIES

Containers, road vehicles, machinery, metallurgical and construction products, non sensitive to climatic or environmental interferences.

## TECHNICAL PARAMETERS

Wagon type		Sgs-z	Sgss-z
Interval of numbers of wagon		4542	4549
Number of axles		4	4
Exchange code		33	33
Length between buffers	[m]	20,64	20,64
Weight of empty wagon	[t]	25	25
	A[t]	40	40
	B[t]	48	48
Loading capacity (for 100 km/h)	C[t]	56	56
Wheel base of wagon	[m]	15,6	15,6
Loading length	[m]	19,2	19,2
Loading width	[m]	2,45	2,45
Loading space	[m <sup>2</sup> ]	47,2	47,2
Height of front-wall	[m]	0,6	0,6
Height of stanchion	[m]	1,4	1,4

## Uaai (Hx) - SPECIAL LOW-LOADER WAGON



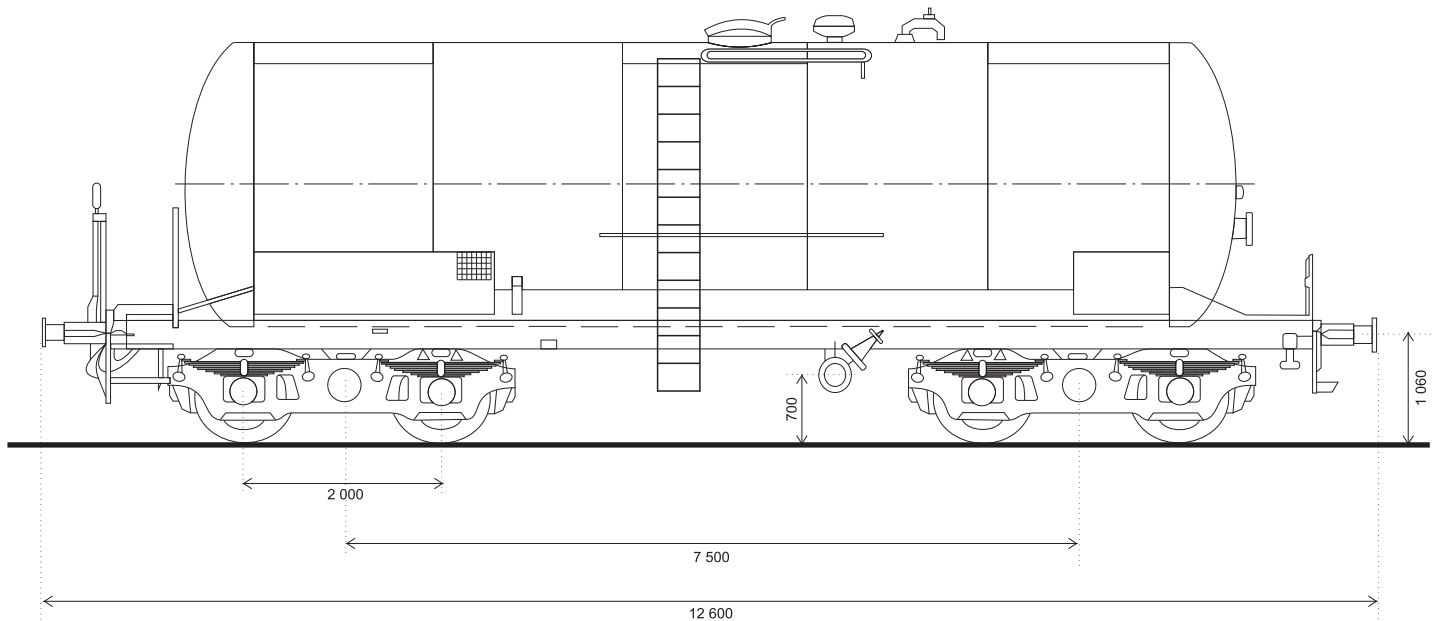
### COMMODITIES

Special voluminous cargo of excessive weight, e.g. crankshafts, boiler drums, steel ingots, steel bridge structures, rolling stands, moulds, machinery, etc.

### TECHNICAL PARAMETERS

Wagon type		Uaai (Hx) low-loader wagon	Uaai (Hx) bolster wagon
Interval of numbers of wagon		9956	9956
Number of axles		16	16
Exchange code		84	33
Length between buffers	[m]	37,58	25,5
Weight of empty wagon	[t]	128,68	71,8
Maximum weight of cargo	[t]	191,3	249
Wheel base of wagon	[m]	24	11,92
Loading length of the bridge	[m]	9,6	according to the cargo
Loading width of the bridge	[m]	2,32	-
Height of the wagon floor above the peak of rail	[m]	1,02	-
Height of the bolster wagon above the peak of rail	[m]	-	1,722

## Zas - TANK WAGON



## COMMODITIES

Crude oil, light derivatives of oil and mineral oils.

## TECHNICAL PARAMETERS

Wagon type		Zas
Interval of numbers of wagon		7854
Number of axles		4
Exchange code		83
Length between buffers	[m]	12,6
Weight of empty wagon	[t]	23
	A[t]	38
	B[t]	48,5
Loading capacity (for 90 km/h)	C[t]	56,5
Wheel base of wagon	[m]	7,5
Loading volume	[m <sup>3</sup> ]	63