

Flat wagon-unit Laans



General

Load limits:

	A	B	C	D	
S	37,0	45,0	53,0	63,0	★★
120	00,0				

Tare: 2 x 13,4 = 26,8 t

R_{min}: 60 m

Gauge: RIV/UIC 505-3

Axle load: 22,5 t

Ramp angle
(R=150m): 2,5°

Loading area: 2 x 39,0 m²

Loading length: 2 x 12.620 mm

Loading width:
between stanchions: 3.110 mm
2.958 mm

Hight of floor
(empty): 1.050 mm

Running Gear

Wheel diameter: 920 mm

Wheel set type: UIC/BA 002

Axle box type: UIC/BA 081

Suspension: parabolic leaf spring,
2stage
5 layer spring 1200 mm

Brake

Brake type: 2 x KE-GP-A 12"

Brake pads: P10 (iron pads)

Load braking: 2-stage by valve

Handbrake (20 %): operated from ground

Air reservoir: 2 x 100 l

Heavy single loads

	m	t	mm
a-a	2,0	32	33
b-b	5,0	39	44
c-c	9,0	42	52
d-d	15,0	52	65
e-e	18,0	65	28

Draw gear and Buffer

Buffer Endkr/Hub: Cat.A 590 kN/105 mm

Buffer plate
dimensions: 340 x 450 mm

Draw gear
(ends of the wagon) normal/85 t

middle: normal/100 t

Equipment

2 folding front flaps

2 loading ramps at the middle coupler

36 fastening bears at the floor

36 UIC stanchions

8 fastening bears for ferrys

Wooden floor: 60 mm

Load Goods

Farm machines, vehicles

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Appendix to Data Sheet

