

## EC CERTIFICATE OF CONFORMITY

Dear Sir / Madam,

The Certificate of Conformity is a statement delivered by the vehicle manufacturer to the buyer in order to assure him that the vehicle he has acquired complies with the legislation in force in the European Union at the time it was produced.

The Certificate of Conformity also serves the purpose to enable the competent authorities on the Member States to register vehicles without having to require the applicant to supply additional technical information.

The Certificate of Conformity consists of two parts:

- 1) SIDE 1, which consists of a statement of compliance by the manufacturer.
- 2) SIDE 2, which is a technical description of the main characteristics of the vehicle.

The Certificate of Conformity will be issued once. A duplicate of the Certificate of Conformity may be issued only by the manufacturer.

VDL Bus & Coach bv

Homologation

**General construction characteristics**

1.	Number of	<i>axles / wheels</i>	: 3 / 8
1.1.	Axles with twin wheels	<i>number / position</i>	: 1 / Axle nr. 2
2.	Steered axles	<i>number / position</i>	: 2 / Axle nr. 1 and nr. 3
3.	Powered axles	<i>number / position</i>	: 1 / Axle nr. 2

**Main dimensions (mm)**

4.	Wheelbase (e)		: 8755
4.1.	Axle spacing	1-2	: 7255
		2-3	: 1500
5.	Length		: 14145
6.	Width		: 2550
7.	Height		: 4000
9.	Distance between the front end of the vehicle and the centre of the coupling device		: 14195
12.	Rear overhang		: 3110

**Masses (kg)**

13.	Mass of the vehicle in running order (1)		: 19430
13.1.	Distribution of this mass amongst axles	1	: 5450
		2+3	: 13980
13.2.	Actual mass of the vehicle		: 19430
16.	Technically permissible maximum masses		
16.1.	Technically permissible maximum laden mass		: 27000
16.2.	Technically permissible mass on each axle	1	: 8000
		2	: 11500
		3	: 7500
16.3.	Technically permissible mass on each axle group	1	: N.a.
		2	: N.a.
		3	: N.a.
16.4.	Technically permissible maximum mass of the combination		: 30500
17.	Intended registration/in service maximum permissible masses in national-/international traffic (1) (6)		: <b>NL</b> <b>1230/2012/EC</b>
17.1.	Intended registration/in service maximum permissible laden mass		: 27000      26000
17.2.	Intended registration/in service maximum permissible laden mass on each axle	1	: 8000      8000
		2	: 11500      11500
		3	: 7500      7500
17.3.	Intended registration/in service maximum permissible laden mass on each axle group	1	: N.a.      N.a.
		2	: N.a.      N.a.
		3	: N.a.      N.a.
17.4.	Intended registration/in service maximum permissible mass of the combination		: 30500      29500

18.	Technically permissible maximum towable mass in case of:	
18.1.	Drawbar trailer	: 3500
18.3.	Centre-axle trailer	: 3500
18.4.	Unbraked trailer	: 750
19.	Technically permissible maximum static mass at the coupling point	: 350

**Power Plant**

20.	Manufacturer of the engine	: DAF / PACCAR
21.	Engine code as marked on the engine	: MX-13 375 H1
22.	Working principle	: Compression ignition, 4 stroke
23.	Pure electric	: No
23.1.	Hybrid (electric) vehicle	: No
24.	Number and arrangement of cylinders	: 6 in line
25.	Engine capacity (cm <sup>3</sup> )	: 12902
26.	Fuel	: Diesel
26.1.	Mono fuel/Bi-fuel/Flex-fuel/Dual-fuel (1)	
27.	Maximum power	
27.1.	Maximum net power (g) (internal combustion engine)(1)	: 375 kW at 1700 min-1
27.2.	Maximum hourly output (electric motor)(1)	: N.a.
27.3.	Maximum net power (electric motor)(1)	: N.a.
27.4.	Maximum 30 min. power (electric motor)(1)	: N.a.
28.	Gearbox (type)	: Automatic

**Maximum speed**

29.	Maximum speed (km/h)	: 100 km/h, limited by speed limiter
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**Axles and suspension**

30.1.	Track of each steered axle (mm)	: 2091 ( Axle 1) / 2071 ( Axle 3)
30.2.	Track of all other axles (mm)	: 1845
32.	Position of loadable axle(s)	: 1 axle, axle nr. 3
33.	Drive axle(s) fitted with air suspension or equivalent	: Yes
35.	Tyre/wheel combination (1)	1 : 315/70 / 156 / K (1x) / 9,00x22,5 / 199/177
	(Size / load / speed / rim / off-set)	2 : 315/70 / 150 / K (2x) / 9,00x22,5 / 199/177
		3 : 315/70 / 154 / K (1x) / 9,00x22,5 / 199/177

**Brakes**

36.	Trailer brake connections	: Mechanical
37.	Pressure in feed line for trailer braking system (bar)	: N.a.

**COMPLETE VEHICLES  
EC CERTIFICATE OF CONFORMITY**

**Bodywork**

- 38. Code for bodywork (i) : CB
- 39. Class of vehicle : Class III
- 41. Number and configuration of doors : 2 single doors
- 42. Number of seating positions (including the driver) (k) : 93
- 42.1. Seat(s) designated for use only when the vehicle is stationary : N.a.
- 42.2. Number of passenger seating positions : 26
- lower deck
- (including the driver) upper deck : 67
- 42.3. Number of wheelchair user accessible position : N.a.
- 43. Number of standing places : N.a.

**Coupling device**

- 44. Approval number or approval mark of coupling device (if fitted) : e4\*94/20\*1168 / E4-55R-010606
- 45.1. Characteristics values : 31
- D (kN)
- S (kg) : 250

**Environmental performances**

- 46. Sound level : 88 at engine speed 1275 min<sup>-1</sup>
  - Stationary dB(A)
  - Drive-by dB(A) : 78
  - 47. Exhaust emission level (l) : Euro VI
  - 48. Exhaust emissions (m)(m<sup>-1</sup>)(m<sup>2</sup>)
  - Number of the base regulatory act and latest amending regulatory act applicable : 595/2009\*627/2014A
- |  | Test procedure  | WHSC    | WHTC    |
|--|-----------------|---------|---------|
| CO   | mg/kWh          | 2,2     | 94,1    |
| THC  | mg/kWh          | 1,2     | 2,0     |
| NOx  | mg/kWh          | 36,4    | 160,8   |
| Particulates (mass)                          | mg/kWh          | 1,1     | 0,86    |
| NH3  | ppm             | 1,17    | 1,5     |
| Particles (number)                           | #/kWh           | 1,1E+11 | 1,5E+11 |
| CO2 emissions mass emission                  | g/kWh           | 627,7   | 639,3   |
| Fuel consumption                             | g/kWh           | 199,4   | 206,7   |
| Smoke opacity (ELR)                          | m <sup>-1</sup> | N.a.    |         |
| 48.1. Smoke corrected absorption coefficient | m <sup>-1</sup> | N.a.    |         |

**Miscellaneous**

- 51. For special purpose vehicles: designation in accordance with Annex II Section 5 : N.a.
- 52. Remarks (n) : N.a.

Side 1

The undersigned, Ing. R.J.C. Wolters – Homologation manager, hereby certifies that the vehicle:

- 0.1. Make : VDL
- 0.2. Type : 603R1
- Variant (a) : X K 2 F
- Version (a) : A B08
- 0.2.1. Commercial name : Futura FDD2-141/510
- 0.4. Vehicle category : M3
- 0.5. Company name and address of manufacturer : VDL BUS & COACH B.V.  
De Vest 7  
5555 XL Valkenswaard  
The Netherlands
- 0.6. Location and method of attachment : Behind driver seat, glued  
of the statutory plates
- Location of the vehicle identification number : On foremost beam on right side  
behind spare wheel lid
- 0.9. Name and address of the manufacturer's representative ( if any) : N.a.
- 0.10. Vehicle identification number : XNL603R100E036332

conforms in all respect to the type described in:

- EC type-approval number : e13\*2007/46\*1621\*01
- issued on : 14-6-2016

and can be permanently registered in Member States having:

- Left/right hand traffic (b) : Right hand traffic
- Units for the speedometer (c) (d) : Metric and/or imperial

(Place): (Date): (Signature):

Valkenswaard 30-9-2016

## Afleveringsformulier

Ondergetekende verklaart dat de bus, zoals die door VDL Bus & Coach bv., De Vest 7, Valkenswaard op de factuur met nr 1090025929, d.d. 08-03-2017 vermeld wordt, in goede staat en zonder zichtbare beschadigingen, inclusief toebehoren, is afgenomen.

NL

BTW identificatienummer : \\  
L801650847B01  
Kenteken van het voertuig :  
Type : VDL Futura FDD2 141-510  
Chassisnummer : XNL603R100E036332  
Motor nummer : A263587

Het voertuig wordt vervoerd naar.

De afnemer verklaart zich bereid, op verzoek van de Nederlandse belastingdienst, nadere informatie te verstrekken omtrent de bestemming van de goederen.

Bij het voertuig geleverde documenten:

Bus & Coach documenten:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Vitesse 100 Verklaring | <input type="checkbox"/> Garantiecertificaat | <input type="checkbox"/> Instructiekaart Airco              |
| <input type="checkbox"/> DTCO instructie        | <input type="checkbox"/> CFK Log boek        | <input type="checkbox"/> Snelheidsbegr. / tacho registratie |

Bus & Coach documentatie:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Chauffeursboek | <input type="checkbox"/> Klimaatsysteem handleiding | <input type="checkbox"/> Bus & Coach Workshops Europa |
| <input type="checkbox"/> Onderhoudsboek |   |   |

Componenten documentatie:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Webasto service stations   | <input type="checkbox"/> VDO Tacho handleiding | <input type="checkbox"/> DAF (ITS) boekje |
| <input type="checkbox"/> Webasto inbouwhandleiding. |  |   |

Overige documentatie:

- |   |  |
|---|--|
| <input type="checkbox"/> Handleiding radio / CD | <input type="checkbox"/> Handleiding navigatie |
|---|--|

Valkenswaard,

-2017