SCAN OK

BUS & COACH

Bodywork

38.	Code for bodywork (i)		: CQ
39.	Class of vehicle		: Class III
41.	Number and configuration of doors		: 2 single doors
42.	Number of seating positions (including the driver) (k)		: 55
42.1.	Seat(s) designated for use only when the vehicle is stationary		: N.a.
42.2.	Number of passenger seating positions (including the driver)	*lower deck*	: N.a.
		upper deck	: N.a.
42.3.	Number of wheelchair user accessible position		: 13
43.	Number of standing places		: 0

Coupling device

44.	Approval number or approval mark of coupling device (if fitted)		: e2*94/20*1058*00
45.1.	Characteristics values	*D (kN)*	: 54
		S (kg)	: 700

Environmental performances

46.	Sound level	*Stationary dB(A)*	: 89 at engine speed 1425 min-1
		Drive-by dB(A)	: 80
47.	Exhaust emission level (l)		: Euro 5
48.	Exhaust emissions (m)		
	Number of the base regulatory act and latest amending regulatory act applicable		: 2005/55*2008/74G

test procedure		**ESC** *g/kWh*	**ETC** *g/kWh*
CO	:	0,022	0,044
HC	:	N.a.	N.a.
NO_x	:	1,57	1,95
$HC+NO_x$	:	N.a.	N.a.
NMHC	:	N.a.	0,063
THC	:	0,06	N.a.
CH_4	:	N.a.	N.a.
Particulates	:	0,018	0,025
Smoke opacity (ELR) (m^{-1})	:	0,2	N.a.

48.1. Smoke corrected absorption coefficient (m^{-1}) : 0,63

Miscellaneous

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

COMPLETE VEHICLES
EC CERTIFICATE OF CONFORMITY

Side 1

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

0.1.	Make	: VDL BOVA
0.2.	Type	: F2
	Variant (a)	: 3A38RE
	Version (a)	: GF11
0.2.1.	Commercial name	: Futura Classic FHD127.365
0.4.	Vehicle category	: M3
0.5.	Name and adress of manufacturer	: VDL Bus Valkenswaard De Vest 9 P.O. Box 5 5550 AA Valkenswaard The Netherlands
0.6.	Location and method of attachment of the statutory plates	: In the front entrance
	Location of the vehicle identification number	: Underneath foremost beam on right side behind spare wheel lid
0.9.	Name and adress of the manufacturer's representative (if any)	: N.a.
0.10.	Vehicle identification number	: *XL9AA38RD35003287*

conforms in all respect to the type descriped in:

EC type-approval number	: e13*2007/46*1134*01
Issued on	: 31-5-2012

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	27-9-2013	

VDL Bus & Coach bv
De Vest 51 - NL-5555 XP Valkenswaard
P.O. Box 645 - NL-5550 AP Valkenswaard
Phone +31 (0)40 208 44 00 - Fax +31 (0)40 208 44 99
www.vdlbuscoach.com

company

General construction characteristics

1.	Number of	*axles*	:	2
		wheels	:	6
1.1.	Axles with twin wheels	*number*	:	1
		position	:	Axle nr. 2
2.	Steered axles	*number*	:	1
		position	:	Axle nr. 1
3.	Powered axles	*number*	:	1
		position	:	Axle nr. 2

Main dimensions (mm)

4.	Wheelbase (e)		:	6800
4.1.	Axle spacing	*1-2*	:	6800
		2-3	:	N.a.
5.	Length		:	12750
6.	Width		:	2490
7.	Height		:	3560
9.	Distance between the front end of the vehicle and the centre of the coupling device		:	12828
12.	Rear overhang		:	3240

Masses (kg)

13.	Mass of the vehicle in running order (f)		:	13456	
13.1.	Distribution of this mass amongst axles	*1*	:	5047	
		2	:	8409	
		3		N.a.	
16.	Technically permissible maximum masses				
16.1.	Technically permissible maximum laden mass		:	18900	
16.2.	Technically permissible mass on each axle	*1*	:	6900	
		2	:	12000	
		3	:	N.a.	
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		:	22400	
17.	Intended registration/in service maximum permissible masses in national/-international traffic (1) (o)		:	**National**	**International**
17.1.	Intended registration/in service maximum permissible laden mass		:	18900	18000
17.2.	Intended registration/in service maximum permissible laden mass on each axle	*1*	:	6900	6900
		2	:	12000	11500
		3	:	N.a.	N.a.
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		:	22400	21500
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 Trucks N.V
21.	Engine code as marked on the engine	:	Paccar PR265U1
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^3)*	:	9186
26.	Fuel	:	Diesel
26.1.	Mono fuel ~~/ Bi-fuel / Flex fuel~~ (1)		
27.	Maximum net power (g)	:	266 kW at 1900 min-1
28.	Gearbox (type)	:	Manual / automatic

Maximum speed

29.	Maximum speed *(km/h)*	:	100 km/h, limited by speed limiter (92/24/EC)

Axles and suspension

30.1.	Track of each steered axle *(mm)*		:	2047
30.2.	Track of all other axles *(mm)*		:	1824
32.	Position of loadable axle(s)		:	N.a.
33.	Drive axle(s) fitted with air suspension or equivalent		:	Yes
35.	Tyre/wheel combination (h) (Size / load / speed / rim / off-set)	*1*	:	295/80 / 152 / K (1x) / 8,25x22,5 / 170
		2	:	295/80 / 148 / K (2x) / 8,25x22,5 / 170
		3	:	N.a.

Brakes

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