

VOLVO BUS CORPORATION

EC CERTIFICATE OF CONFORMITY for incomplete vehicles

The undersigned Tobias Holmqvist, Plant Manager hereby certifies that the vehicle:

- | | | |
|--------|--|---|
| 0.1. | Make (trade name of manufacturer): | VOLVO |
| 0.2. | Type: | CA0C |
| | Variant: | X000H |
| | Version: | L291LH24J8100 |
| 0.2.1. | Commercial name: | BRLH |
| 0.4. | Vehicle category: | M3 |
| 0.5. | Company name and address of manufacturer: | VOLVO BUS CORPORATION
SE-405 08 GOTHENBURG
SWEDEN |
| 0.6. | Location and method of attachment of the statutory plates: | Packed together with the chassis |
| | Location of the vehicle identification number: | Stamped on the frame at the right side, close to the front axle |
| 0.9. | Name and address of manufacturer's representative: | Not applicable |
| 0.10. | Vehicle identification number: | YV3T1U221F1170839 |

conforms in all respects to the type described in

approval e9*2007/46*0003*11

issued on 2014-10-08

**and can not be permanently
registered without further approvals**

Borås, Sweden

(Place)

2015-01-15

(Date)

(Signature)



General construction characteristics		
1.	Number of axles / and wheels:	3 / 10
1.1	Number / and position of axles with twin wheels:	2 / 2/3
2.	Steered axles (number / position):	1 position 1
3.	Powered axles (number / position, interconnection):	1 position 3
Main dimensions		
4.	Wheelbase:	5190 mm
4.1	Axle spacing 1-2, 2-3, 3-4:	1-2: 5190 mm 2-3: TRANSPORT mm 3-4: N/A mm
5.1	Maximum permissible length:	18750 mm
6.1	Maximum permissible width:	2550 mm
7.1	Maximum permissible height:	N/A mm
12.1	Maximum permissible rear overhang:	N/A mm
Masses		
14.	Actual mass of the vehicle:	N/A kg
14.1	Distribution of this mass among the axles:	1. N/A kg 2. N/A kg 3. N/A kg
15.	Minimum mass of the vehicle when completed:	14670 kg
15.1.	Distribution of this mass among the axles:	1. 3800 kg 2. 3170 kg 3. 7700 kg
16.	Technically permissible maximum masses:	
16.1	Technically permissible maximum laden mass:	29000 kg
16.2	Technically permissible mass on each axle:	1. 7100 kg 2. 10000 kg 3. 12500 kg
16.3	Technically permissible mass on each axle group:	1. 7100 kg 2. 10000 kg 3. 12500 kg
16.4	Technically permissible maximum mass of the combination:	N/A kg
17.	Intended registration/in service maximum permissible masses in national/international traffic	
17.1.	Intended registration/in service maximum permissible laden mass	See next stage CoC
17.2.	Intended registration/in service maximum permissible laden mass on each axle	See next stage CoC
17.3.	Intended registration/in service maximum permissible laden mass on each axle group	See next stage CoC
17.4.	Intended registration/in service maximum permissible mass of the combination	See next stage CoC
18.	Technically permissible maximum towable mass in case of:	
18.1	Drawbar trailer:	N/A kg
18.3	Centre-axle trailer:	N/A kg
18.4	Unbraked trailer:	N/A kg
19.	Technically permissible maximum static mass at the coupling point:	N/A kg
Power plant		
20.	Manufacturer of the engine:	VOLVO
21.	Engine code as marked on the engine:	D5K240
22.	Working principle:	Compression ignition, 4-stroke
23.	Pure electric:	No
23.1	Hybrid [electric] vehicle:	Yes
24.	Number and arrangement of cylinders:	Four in line

25.	Engine capacity:	5132 cm ³
26.	Fuel: Diesel/petrol/LPG/CNG – Biomethane/LNG/Ethanol/Biodiesel/Hydrogen:	Diesel
26.1	Mono fuel / Bi fuel / Flex fuel/Dual-fuel:	Mono fuel
26.2	(Dual-fuel only) Type 1A/Type1B/Type 2A	N/A
27.	Maximum net power or maximum continuous rated power (electric motor):	177 kW at 2200 min-1 / N/A kW
28.	Gearbox (type):	AUTOMATIC
Maximum speed		
29.	Maximum speed:	100
Axles and suspension		
30.1.	Track of each steered axle:	2120 mm
30.2.	Track of all other axles:	1915/1915 mm
32.	Position of loadable axle(s):	Position N/A
33.	Drive axle(s) fitted with air suspension or equivalent:	Yes
35.	Tyre/Wheel combination (h):	Front: 275/70*22.5 7.50x22.5 Rear: 275/70*22.5 7.50x22.5 Trailing: 275/70*22.5 7.50x22.5
Brakes		
36.	Trailer brake connections mechanical/electric/pneumatic/hydraulic:	N/A
37.	Pressure in feed line for trailer braking system:	N/A
Coupling device		
44.	Approval number or approval mark of coupling device (if fitted):	N/A
45.	Types or classes of coupling devices which can be fitted:	N/A
45.1.	Characteristics of values: D .../V .../S .../U:	N/A
Environmental performances		
46.	Sound level Stationary: Drive-by:	88/1650 dB(A) / min-1 74 dB(A)
47.	Exhaust emission level (l):	EU VI-B
48.	Exhaust emissions: Number of the base regulatory act and the latest amending regulatory act applicable	595/2009*64/2012B
	1.1 Test procedure: ESC	N/A
	Smoke opacity (ELR):	N/A
	1.2 Test procedure: WHSC (EURO VI)	CO: 20 / THC: 5 / NMHC: N/A NOx: 32/ THC+NOx: N/A Particulates(m): 7,2 (mg/kWh) Particulates(n): 2,91 / NH3: 0,2
	2.1 Test procedure: ETC	N/A
	2.2 Test procedure: WHTC (EURO VI)	CO: 52 / NOx: 268 / NMHC: N/A THC: 12 / CH4: N/A Particulates(m): 6,2 (mg/kWh) Particulates(n): 2,63 / NH3: 5,7
48.1	Smoke corrected absorption coefficient:	0,55 m ⁻¹
Miscellaneous		
52.	Remarks:	16: Load capacity of fitted wheels may be lower than stated value. See next stage CoC item 16 (or/ and 17) for final values. 29: Speed limiter fitted, set to 100km/h or less. 30.1, 30.2: Lower values are permitted.