General construction characteristics

1. Number of axles: 2
   and wheels: 4
1.1. Number and position of axles with twin wheels: --
3. Powered axles (number, position, interconnection):
   1 FRONT -
3.1. Specify if the vehicle is: **non-automated**

Main dimensions

4. Wheelbase: **2513** mm
4.1 Axle spacing:
   1-2: **2513** mm
5. Length: **3957** mm
6. Width: **1716** mm
7. Height: **1721** mm
8. Fifth wheel lead for semi-trailer towing vehicle:
   maximum: - mm
   minimum: - mm
9. Distance between the front end of the vehicle and the centre of the coupling device: **3929** mm
11. Length of the loading area: **1500** mm

Masses

13. Mass in running order: **1311** kg
13.1. Distribution of this mass amongst the axles:
   1. **832** kg
   2. **479** kg
13.2. Actual mass of the vehicle: **1398** kg
14. Mass of the base vehicle in running order: - kg
16. Technically permissible maximum masses:
16.1. Technically permissible maximum laden mass: **1820** kg
16.2. Technically permissible mass on each axle:
   1. **960** kg
   2. **960** kg
16.4. Technically permissible maximum mass of the combination: **2820** kg
18. Technically permissible maximum towable mass in case of:
18.1. Drawbar trailer: - kg
18.2. Semi-trailer: - kg
18.3. Centre-axle trailer: **1000** kg
18.4. Unbraked trailer: **400** kg
19. Technically permissible maximum static mass at the coupling point: **60** kg

Power plant

20. Manufacturer of the engine:
   FCA Italy S.p.A.
21. Engine code as marked on the engine:
   46345266
22. Working principle:
   COMPRESSION IGNITION 4 STROKE
23. Pure electric: **NO**
23.1. Class of Hybrid [electric] vehicle: -
24. Number and arrangement of cylinders:
   4 IN LINE
25. Engine capacity: **1248** cm^3
26. Fuel: **DIESEL**
26.1. **MONO FUEL**
26.2. (Dual-fuel only) Type -
27. Maximum power
27.1. Maximum net power: (internal combustion engine)
   DIESEL **59** kW at **3750** min^{-1}
27.3. Maximum net power: (electric motor) - kW
27.4. Maximum 30 minutes power: (electric motor) - kW
28. Gearbox (type):
   MANUAL
28.1. Gearbox ratios

1st gear	**1:3,909**
2nd gear	**1:2,238**
3rd gear	**1:1,444**
4th gear	**1:1,029**
5th gear	**1:0,767**
6th gear	-
7th gear	-
8th gear	-
9th gear	-

28.1.1. Final drive ratio: **1:3,562**
28.1.2. Final drive ratios

1st gear	**1:13,924**
2nd gear	**1:7,971**
3rd gear	**1:5,144**
4th gear	**1:3,665**
5th gear	**1:2,732**
6th gear	-
7th gear	-
8th gear	-
9th gear	-

Maximum speed

29. Maximum speed: **161** km/h

Axles and suspension

30. Axle(s) track:
   1. **1469** mm
   2. **1465** mm
35. Fitted tyre/wheel combination/ energy efficiency class of rolling resistance coefficients (RRC) and tyre category used for CO_2 determination:
   Axle1: 195/65R15 91H 6Jx15-44 - A C1
   Axle2: 195/65R15 91H 6Jx15-44 - A C1

Brakes

36. Trailer brake connections: -
37. Pressure in feed line for trailer braking system: - kPa

Bodywork

38. Code for bodywork: **BB - Van**
40. Colour of vehicle: **WHITE**
41. Number and configuration of doors: **2**
   2 FRONT SIDE
42. Number of seating positions (including the driver): **2**

Coupling device

44. Approval number or approval mark of coupling device (if fitted): -
45.1 Characteristics values:

D:	V:	S:	U:
-	-	-	-

Environmental performances

46. Sound level

Stationary:	at engine speed:	Drive-by:
76 dB(A)	**2813** min^{-1}	**68** dB(A)

47. Exhaust emission level: **EURO 6 AQ**
47.1. Parameters for emission testing of V_{ind}
47.1.1. Test mass, kg: **1528**
47.1.2. Frontal area, m^2: -
47.1.2.1. Projected frontal area of air entrance of the front grille, cm^2: -
47.1.3. Road load coefficients
47.1.3.0. f0, N: **91.3**
47.1.3.1. f1, N/(km/h): **0.28**
47.1.3.2. f2, N/(km/h)²: **0.04188**
47.2. Driving cycle: **DIESEL**
47.2.1. Driving Cycle class: **3B**
47.2.2. Downscaling factor (f_{dsc}): -
47.2.3. Capped speed: -
48. Exhaust emissions:
   Number of the base regulatory act and latest amending regulatory act applicable:
   715/2007*2018/1832AQ
   1.2. Test procedure: **TYPE 1 [WLTP]**

	DIESEL	
CO	**102,9**	mg/km
THC	-	mg/km
NMHC	-	mg/km
NO_x	**40,2**	mg/km
THC+NO_x	**74,3**	mg/km
NH_3	-	-
Particulates (mass)	**0,25**	mg/km
Particles (number)	**0,03X10^11**	n./km

48.1. Smoke corrected absorption coefficient: **DIESEL 0,50** m^{-1}
48.2. Declared maximum RDE values:

	DIESEL	
Complete RDE trip: NO_x :	**105**	mg/km
Particles (number) :	**6x10^11**	n./km
Urban RDE trip: NO_x :	**105**	mg/km
Particles (number) :	**6x10^11**	n./km

49. CO_2 emissions/fuel consumption/electric energy consumption:
   1. All power trains, except pure electric vehicles: NEDC values
   CO_2 emissions:

	DIESEL	
Urban conditions	-	g/km
Extra-urban conditions	-	g/km
Combined	-	g/km
Weighted, combined	-	g/km

   Fuel consumption:

	DIESEL	
Urban conditions	-	l/100 km
Extra-urban conditions	-	l/100 km
Combined	-	l/100 km
Weighted, combined	-	l/100 km

   Deviation factor : -
   Verification factor : -
   2. Pure electric vehicles and OVC hybrid electric vehicles
   Electric energy consumption (weighted, combined) - Wh/km
   Electric range - km
   3. Vehicle fitted with eco-innovation(s): **YES**
   3.1. General code of the eco-innovation(s): - **e3 29**
   3.2. Total CO_2 emissions savings due to the eco-innovation(s):
   3.2.1. NEDC saving: **DIESEL**
   - g/km
   3.2.2. WLTP saving: **DIESEL**
   0,76