**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**