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: 2620 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_{ini}
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