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: **3105** mm

4.1 Axle spacing:

1-2: **3105** mm

5. Length: **4756** mm

6. Width: **1832** mm

7. Height: **1880** 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: **4805** mm

11. Length of the loading area: **2174** mm

Masses

13. Mass in running order: **1584** kg

13.1. Distribution of this mass amongst the axles:

1. **980** kg
2. **604** kg

13.2. Actual mass of the vehicle: **1658** kg

14. Mass of the base vehicle in running order: **-** kg

16. Technically permissible maximum masses:

16.1. Technically permissible maximum laden mass: **2215** kg

16.2. Technically permissible mass on each axle:

1. **1197** kg
2. **1197** kg

16.4. Technically permissible maximum mass of the combination: **3500** 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: **1300** kg

18.4. Unbraked trailer: **500** 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:

55280444

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: **1598** 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 **77** 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	**1:4,154**
2nd gear	**1:2,118**
3rd gear	**1:1,361**
4th gear	**1:0,978**
5th gear	**1:0,756**
6th gear	**1:0,622**
7th gear	**-**
8th gear	**-**
...	**-**

28.1.1. Final drive ratio: **1:3,833**

28.1.2. Final drive ratios

1st gear	**1:15,922**
2nd gear	**1:8,118**
3rd gear	**1:5,217**
4th gear	**1:3,749**
5th gear	**1:2,898**
6th gear	**1:2,384**
7th gear	**-**
8th gear	**-**
...	**-**

Maximum speed

29. Maximum speed: **186** km/h

Axles and suspension

30. Axle(s) track:

1. **1510** mm
2. **1530** mm

35. Fitted tyre/wheel combination/ energy efficiency class of rolling resistance coefficients (RRC) and tyre category used for CO_2 determination:

Axle1: 185/65R15 92T 6Jx15-39 - B C1

Axle2: 185/65R15 92T 6Jx15-39 - B C1

Brakes

36. Trailer brake connections: **MECHANICAL**

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): **3**

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:
75,5 dB(A)	**2813** min^{-1}	**67** dB(A)

47. Exhaust emission level: **EURO 6 CH**

47.1. Parameters for emission testing of V_{ind}

47.1.1. Test mass, kg: **1826**

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: **139.1**

47.1.3.1. f1, N/(km/h): **0.7**

47.1.3.2. f2, N/(km/h)²: **0.04365**

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*2018/1832CH

1.2. Test procedure: **TYPE 1 [WLTP]**

	DIESEL	
CO	**96,0**	mg/km
THC	**-**	mg/km
NMHC	**-**	mg/km
NO_x	**50,9**	mg/km
THC+NO_x	**66,6**	mg/km
NH_3	**-**	-
Particulates (mass)	**1,26**	mg/km
Particles (number)	**0,94 x10^11**	n./km

48.1. Smoke corrected absorption coefficient: **DIESEL** **0,51** m^{-1}

48.2. Declared maximum RDE values:

	DIESEL	
Complete RDE trip: NO_x :	**220,5**	mg/km
Particles (number) :	**9x10^11**	n./km
Urban RDE trip: NO_x :	**220,5**	mg/km
Particles (number) :	**9x10^11**	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	**170**	g/km
Extra-urban conditions	**123**	g/km
Combined	**140**	g/km
Weighted, combined	**-**	g/km

Fuel consumption:

	DIESEL	
Urban conditions	**6.5**	l/100 km
Extra-urban conditions	**4.7**	l/100 km
Combined	**5.3**	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 24 29**

3.2. Total CO_2 emissions savings due to the eco-innovation(s):

3.2.1. NEDC saving: **DIESEL** **1,05** g/km

3.2.2. WLTP saving: **DIESEL** **0,76** g/km