

DAILY

TECHNICAL DESCRIPTION

35C12V (E4)

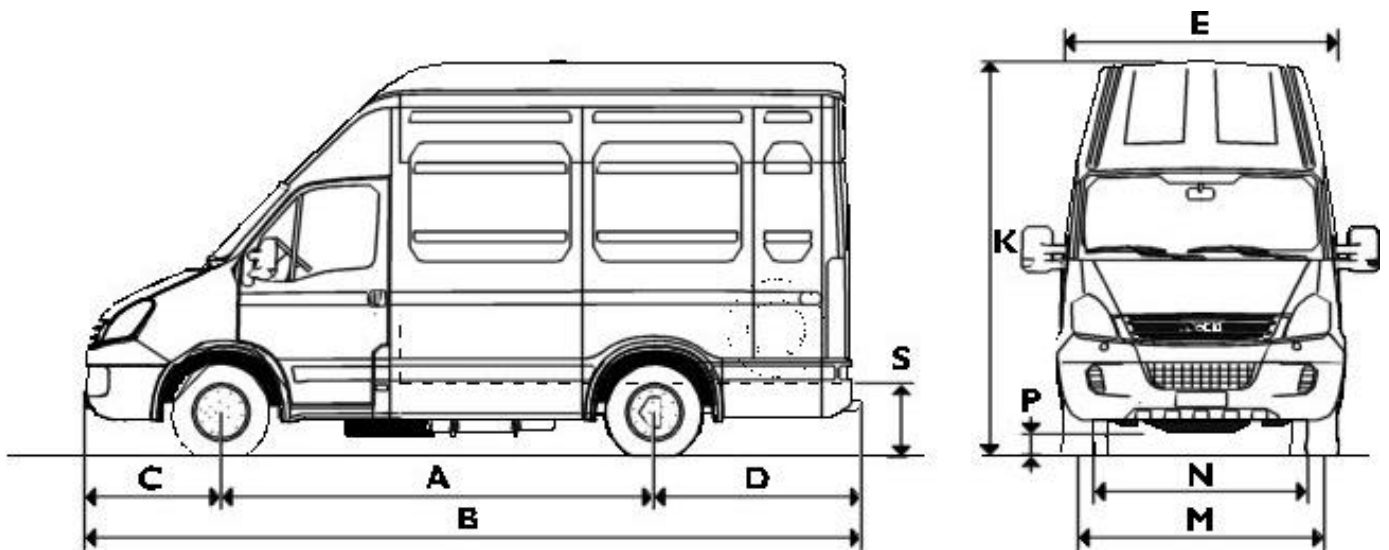
(EURO 4 - Torsion bar)



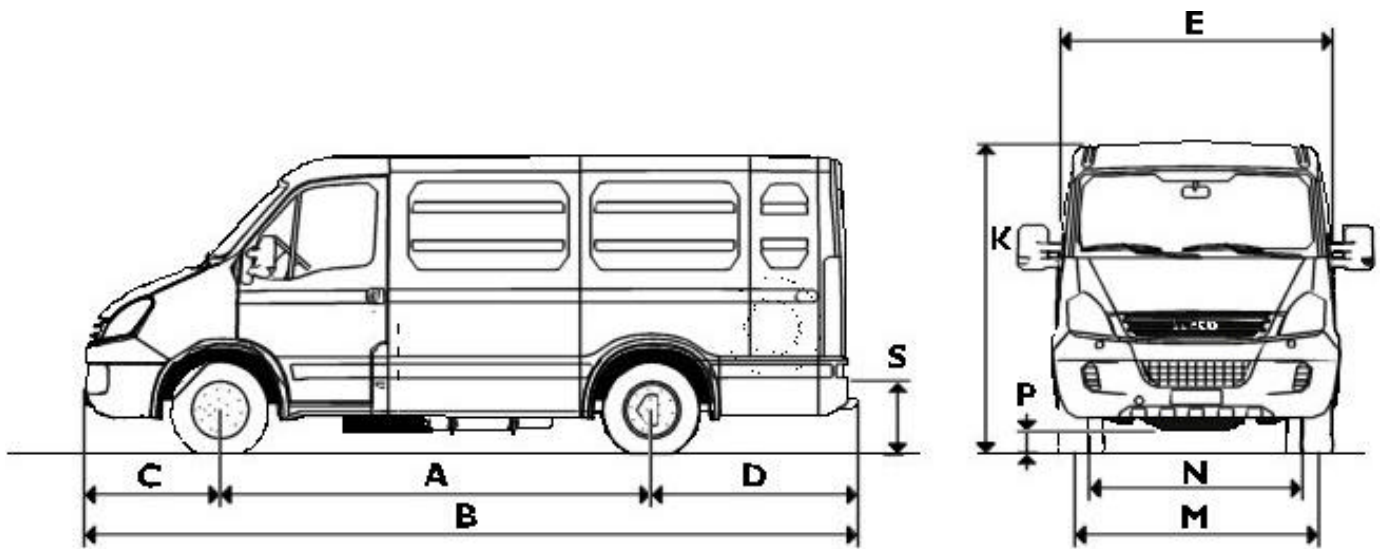
The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specification at any time.

Gearbox S5-300D

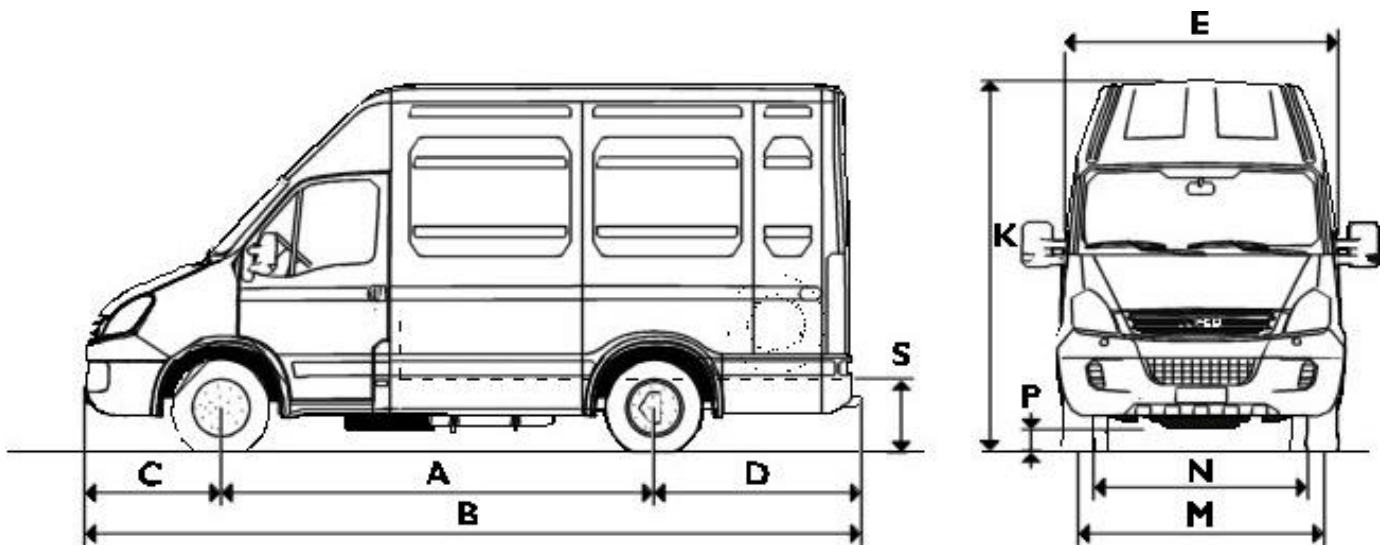
Wheelbase	Cab	Drive	Vcb
3000	L-VAN	LEFT HAND DRIVE	GJBB41A1
	L-VAN	RIGHT HAND DRIVE	GJBB41AA
	M-VAN	LEFT HAND DRIVE	GJBB41A2
	M-VAN	RIGHT HAND DRIVE	GJBB41AB
3000L	L-VAN	LEFT HAND DRIVE	GJBB42A1
	L-VAN	RIGHT HAND DRIVE	GJBB42AA
	M-VAN	LEFT HAND DRIVE	GJBB42A2
	M-VAN	RIGHT HAND DRIVE	GJBB42AB
3300	H-VAN	LEFT HAND DRIVE	GJBB43A3
	H-VAN	RIGHT HAND DRIVE	GJBB43AC
	M-VAN	LEFT HAND DRIVE	GJBB43A2
	M-VAN	RIGHT HAND DRIVE	GJBB43AB
3950	H-VAN	LEFT HAND DRIVE	GJBB46A3
	H-VAN	RIGHT HAND DRIVE	GJBB46AC
	M-VAN	LEFT HAND DRIVE	GJBB46A2
	M-VAN	RIGHT HAND DRIVE	GJBB46AB


DIMENSIONS (mm) (AB35C9H3T H-VAN)

A Wheelbase	<u>3300</u>	<u>3950</u>
B Overall length	5997	7012
C Front overhang	998	998
D Rear overhang	1699	2064
E Max cab width	1996	1996
K Overall height to top of cab, unladen	2955	2940
M Front track	1696	1696
N Rear track	1540	1540
P Minimum ground clearance (Axle2)	200	200
S Loading platform height, unladen (mm)	775	775
Turning radius wall to wall	6550	7570
Turning radius kerb to kerb	5990	7010
Internal length van (mm)	3520	4560
Internal width van (mm)	1800	1800
Internal height van (mm)	2100	2100
Wheelhouses distance (mm)	1030	1030
Volume (m ³)	13.2	17.2


DIMENSIONS (mm) (AB35C9H1T L-VAN)

A Wheelbase	<u>3000</u>	<u>3000L</u>
B Overall length	5077	5477
C Front overhang	998	998
D Rear overhang	1079	1479
E Max cab width	1996	1996
K Overall height to top of cab, unladen	2385	2390
M Front track	1696	1696
N Rear track	1540	1540
P Minimum ground clearance (Axle2)	200	200
S Loading platform height, unladen (mm)	775	775
Turning radius wall to wall	6070	6070
Turning radius kerb to kerb	5520	5520
Internal length van (mm)	2600	3000
Internal width van (mm)	1800	1800
Internal height van (mm)	1545	1545
Wheelhouses distance (mm)	1030	1030
Volume (m ³)	7.3	8.3


DIMENSIONS (mm) (AB35C9H2T M-VAN)

A Wheelbase	<u>3000</u>	<u>3000L</u>	<u>3300</u>	<u>3950</u>
B Overall length	5077	5477	5997	7012
C Front overhang	998	998	998	998
D Rear overhang	1079	1479	1699	2064
E Max cab width	1996	1996	1996	1996
K Overall height to top of cab, unladen	2760	2765	2760	2750
M Front track	1696	1696	1696	1696
N Rear track	1540	1540	1540	1540
P Minimum ground clearance (Axle2)	200	200	200	200
S Loading platform height, unladen (mm)	775	775	775	775
Turning radius wall to wall	6070	6070	6550	7570
Turning radius kerb to kerb	5520	5520	5990	7010
Internal length van (mm)	2600	3000	3520	4560
Internal width van (mm)	1800	1800	1800	1800
Internal height van (mm)	1900	1900	1900	1900
Wheelhouses distance (mm)	1030	1030	1030	1030
Volume (m ³)	9.0	10.2	12.0	15.6

Weights (kg) (35C10VT3E4 H-VAN)

Wheelbase	<u>3300</u>	<u>3950</u>
GVW EEC	3500	3500
Plated weight on axle 1 EEC	1900	1900
Plated weight on axle 2 EEC	2600	2600
Total vehicle kerbweight 1	1305	1345
Total vehicle kerbweight 2	1020	1115
Total payload	1175	1040

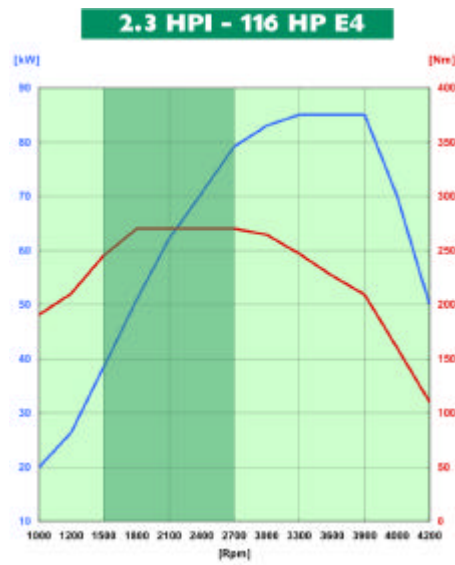
Weights (kg) (35C10VT1E4 L-VAN)

Wheelbase	<u>3000</u>	<u>3000L</u>
GVW EEC	3500	3500
Plated weight on axle 1 EEC	1900	1900
Plated weight on axle 2 EEC	2600	2600
Total vehicle kerbweight 1	1320	1290
Total vehicle kerbweight 2	825	895
Total payload	1355	1315

Weights (kg) (35C10VT2E4 M-VAN)

Wheelbase	<u>3000</u>	<u>3000L</u>	<u>3300</u>	<u>3950</u>
GVW EEC	3500	3500	3500	3500
Plated weight on axle 1 EEC	1900	1900	1900	1900
Plated weight on axle 2 EEC	2600	2600	2600	2600
Total vehicle kerbweight 1	1320	1290	1305	1345
Total vehicle kerbweight 2	860	940	990	1075
Total payload	1320	1270	1205	1080

Engine F1AE0481 (F1A116E4)



Name	2.3 HPI (High Performance Injection)
Position	FRONT
Direction of engine	LONGITUDINAL
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
Injection type	UNIJET COMMON RAIL - 16 VALVES
No. of cylinders	4 IN-LINE
Fuel type	DIESEL
4 Stroke / 2 Stroke cycle	4
Total displacement cm ³	2287
Bore / Stroke mm	88 / 94
Max power (1)	85 kW 116 HP 3900 rpm
Specific fuel consumption-max power	240 g/kWh
Max torque (2)	270 Nm 1800 ÷ 2800 rpm
Dry weight kg	211
Oil capacity kg	5
Injection pump type	HIGH PRESSURE / COMMON RAIL (1600 bar)
Injection pump governor type	EDC
Cooling system	WATER
Hydraulic steering pump	
Cold starting type	GLOW PLUGS
Type of turbocharging	WITH WASTE GATE VALVE
Emissions according regulations	EURO 4

Fuelling (ABBS2000-I)

No. of tanks	1
Material	PLASTIC
Total tank capacity l.	70
Position on frame	LEFT SIDE
Filter	

Air intake (AC S2000-I)

Filter type	DRY
Air intake	AT FRONT, UNDER BONNET

Cooling (AD S2002-I)

Cooling system	WATER
Fan type	ELECTROMAGNETIC

Clutch 9¼" (FB S2000-I)

Type	SINGLE DRY PLATE
Actuation	PULL TYPE
Release control	HYDRAULIC

GearboxIVECO - S5-300D (GB S5300-I)

Type	SYNCHROMESH
Installation	ENGINE FLANGED
No. of gears (....+.....reverse)	5+1
Casing material	ALUMINIUM
Dry weight kg	48
Gearbox opening	6.410

Gear ratios

1st	5.000
2nd	2.598
3rd	1.522
4th	1.000
5th	0.780
Rev. 1st	4.506

Front steering axle (LB S2003-I)

Identification	5819
Type	INDEPENDENT WHEELS
Steering angle (ext.)	36°
Steering angle (int.)	43°
Load capacity Kg	1900

Rear drive axle (NDA RG)

Axle		SINGLE
Wheel arrangement		TWIN
Weight	Kg	136
Load capacity	Kg	2600
Reduction type		SINGLE

Suspensions (NB35C9VTOR)

Front steering axle	INDEPENDENT with TORSION BAR
Rear drive axle	SINGLE ACTING PARABOLIC SPRING

Main features

Axle no.	2
Leaf width (mm)	60
Main leaf spring length (mm)	1415
No. of main leaves spring	2

Shock absorber (PB S2000-I)

Shock absorber no. (front)	2
Shock absorber no. (rear)	2
Shock absorber type	HYDRAULIC TELESCOPIC

Anti-roll bars (OB S2000-I)

Position	FRONT AND REAR AXLE
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Wheels (QB S2002-I)

Wheel type	DISC
Wheel material	STEEL
Wheel dimensions	5JK 16H

Tyres (RB S2002-I)

Tyre dimensions	195/75 R 16C
Load-index	107
Speed index	N = 140 Km/h
Rolling radius mm	337
Rolling circumference mm	2116

Axle Mounting

1	SINGLE
2	TWIN

Steering (KB S2000-I)

Type	HYDRAULIC
Steering wheel diameter (mm)	420
No of parts in steering column	3

Chassis (mm) (JB 35C9V)

Frame section	PARALLEL		
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Wheelbase	3000	3000L	3300
Side member material	STEEL	STEEL	STEEL
Side member section	"C"	"C"	"C"
Flange thickness	3	3	3
Web thickness	3	3	3
Upper flange width	69	69	69
Lower flange width	69	69	69
Side member max. height	180	180	180
Frame width at front	860	860	860
Frame width at rear	860	860	860

Wheelbase	3950
Side member material	STEEL
Side member section	"C"
Flange thickness	3
Web thickness	3
Upper flange width	69
Lower flange width	69
Side member max. height	180
Frame width at front	860
Frame width at rear	860

Brakes (SB35CE4)

Emergency brake	COMBINED WITH PARKING BRAKE
Parking brake	MECHANICAL
Service brake	HYDRAULIC
Parking brake axle(s)	AXLE 2
Brake standards	EEC
No. of circuits	2

Axle no.	Axle 1	Axle 2
Brake type	DISC	DISC
No. of cylinders	2	1
Cylinder diameter	48	60
Disk diameter (mm)	290	294

Electrics (VB F1A)

Voltage V	12
Alternator power V/A	14/110
No. of batteries	1
Battery voltage V	12
Battery capacity Ah	110
Starter motor power kW	2.3

Lighting (WB S2006-I)

No. of headlights	2
Type of lamps	HALOGEN
Front side marker lights	
Reverse lights	
Hazard lights	
Number plate lights	
Front fog lights	
Rear fog light(s)	
Side lights	
Front direction indicators	
Side direction indicators	
Rear direction indicators	
Additional lights prearrangement	

Cab L-VAN (YBVAN(H1))

Cab type	SEMI-FORWARD FIXED
Material	STEEL PLATE
Front doors type	SIDE HUNG
Front door(s) opening angle	64°
Side door(s) No.	1
Side door(s) type	SLIDING
Side door(s) height (mm)	1415
Side door(s) width (mm)	1100
Rear doors No.	2
Rear doors height (mm)	1430
Rear doors width (mm)	1540
Window operation (front)	MANUAL ON RIGHT - MANUAL ON LEFT
Sun visors no.	2
Windscreen type	LAMINATED, ATHERMIC
Windscreen	ONE PIECE - CURVED
Windscreen according to standards:	EEC
No. of windscreen wipers	2
No. of windscreen wiper speeds	2
Rear running board	
Spare-wheel	
Seat belts	
Rear view mirrors no.	2
Mirror control	MANUAL
Kerbside approach mirror	
No. of places	3
No. of seats	2
Driver seat adjustment	LONGITUDINAL, ADJUSTABLE BACK
Passenger seat(s) type	DUAL
No. of fan speeds	4
Lighter	
CB wiring	
Radio wiring	

Cab M-VAN (YBVAN(H2))

Cab type	SEMI-FORWARD FIXED
Material	STEEL PLATE
Front doors type	SIDE HUNG
Front door(s) opening angle	64°
Side door(s) No.	1
Side door(s) type	SLIDING

Cab M-VAN (YBVAN(H2))

Side door(s) height (mm)	1780
Side door(s) width (mm)	1250
Rear doors No.	2
Rear doors height (mm)	1780
Rear doors width (mm)	1540
Window operation (front)	MANUAL ON RIGHT - MANUAL ON LEFT
Sun visors no.	2
Windscreen type	LAMINATED, ATHERMIC
Windscreen	ONE PIECE - CURVED
Windscreen according to standards:	EEC
No. of windscreen wipers	2
Side windows	
Rear running board	
Spare-wheel	
Seat belts	
Rear view mirrors no.	2
Mirror control	MANUAL
Kerbside approach mirror	
No. of places	3
No. of seats	2
Driver seat adjustment	LONGITUDINAL, ADJUSTABLE BACK
Passenger seat adjustment	BACK INCLINATION
Central seat(s) type	DUAL
Provision for belts	
Lighter	
CB wiring	
Radio wiring	

Side doors width: 1100 mm. for wb. 3000 / 3000L mm and 1250 mm. for wb. 3300 and 3950.

Cab H-VAN (YBVAN(H3))

Cab type	SEMI-FORWARD FIXED
Material	STEEL PLATE
Front doors type	SIDE HUNG
Front door(s) opening angle	64°
Side door(s) No.	1
Side door(s) type	SLIDING
Side door(s) height (mm)	1780
Side door(s) width (mm)	1250
Rear doors No.	2
Rear doors height (mm)	1990

Cab H-VAN (YBVAN(H3))

Rear doors width (mm)	1540
Window operation (front)	MANUAL ON RIGHT - MANUAL ON LEFT
Sun visors no.	2
Windscreen type	LAMINATED, ATHERMIC
Windscreen	ONE PIECE - CURVED
Windscreen according to standards:	EEC
No. of windscreen wipers	2
Side windows	
Rear running board	
Spare-wheel	
Seat belts	
Rear view mirrors no.	2
Mirror control	MANUAL
Kerbside approach mirror	
No. of places	3
No. of seats	2
Driver seat type	3-WAY
Driver seat adjustment	HEIGHT, LONGITUDINAL AND BACK INCLINATION
Passenger seat(s) type	DUAL
Provision for belts	
Lighter	
CB wiring	
Radio wiring	

In cab equipment (TB S2006-I)**Warning lights**

High beam
Direction indicators
Hazard lights
Hand brake on
Brake failure
Engine preheating
Water in fuel prefilter
Clogged air filter
Battery charge
Hydraulic steering power failure
Rear light

Warning lights prearrangement

Differential lock

ASR

Power take off

ABS failure

Switches

Light dimmer switch

Switches prearrangement

Ext.rear viewmirror adjustment

Power windows adjustment

Instruments

Tachometer

Rev counter

Mile odometer

Clock

Trip computer

Water temperature indicator

Fuel gauge

Multifunction stalk

Horn

High beam

Headlamp flash

Indicator lights

Windscreen wiper with intermittent wipe

Besides:

Fog lights (standard)

ESP failure indicator (prearrangement)

Gearshift lever on dashboard

Miscellaneous (XBS2006VAN)

Jack

Front towing hitch

Exhaust pipe discharges towards the centre of the vehicle (between the sidemembers)

Immobilizer