

DAILY

**35C13 V HI-MATIC
NEW DAILY EURO 5b+ (FIA 2.3I)**



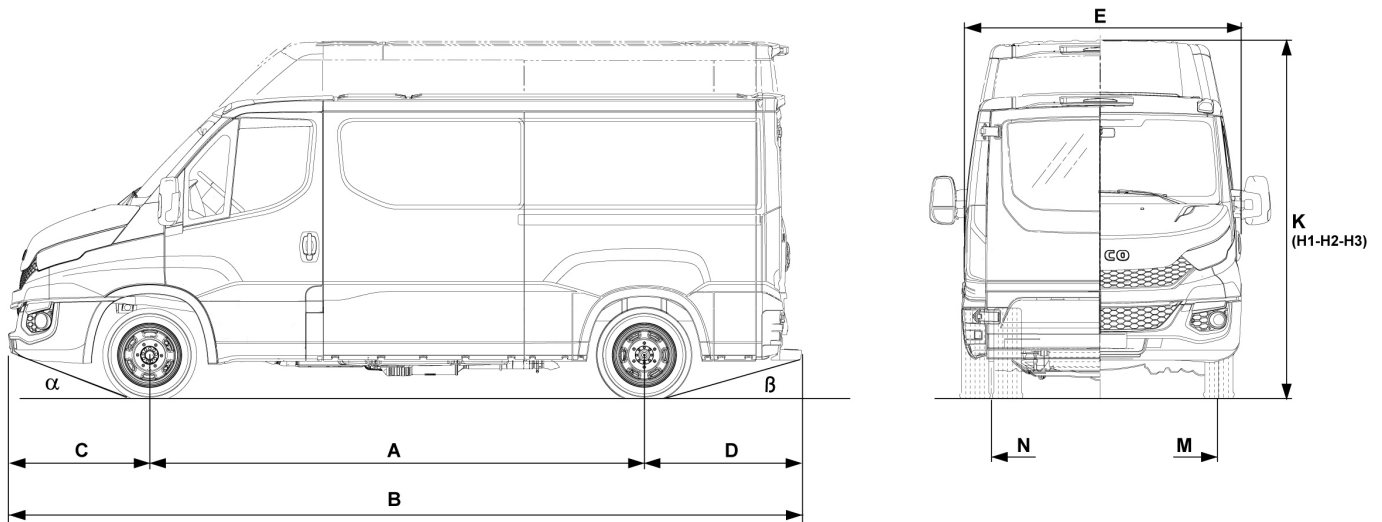
The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specifications at any time.

IVECO

List of linked VCB

VCB Code	Gearbox	Wb	Tetto	Drive
8MBA4CE1	ZF 8HP	3520	1545 (H1)	LHD
8MBA4CE2	ZF 8HP	3520	1900 (H2)	LHD
8MBA4CEA	ZF 8HP	3520	1545 (H1)	RHD
8MBA4CEB	ZF 8HP	3520	1900 (H2)	RHD
8MBA4DE2	ZF 8HP	3520L	1900 (H2)	LHD
8MBA4DE3	ZF 8HP	3520L	2100 (H3)	LHD
8MBA4DEB	ZF 8HP	3520L	1900 (H2)	RHD
8MBA4DEC	ZF 8HP	3520L	2100 (H3)	RHD
8MBA4HE2	ZF 8HP	4100	1900 (H2)	LHD
8MBA4HE3	ZF 8HP	4100	2100 (H3)	LHD
8MBA4HEB	ZF 8HP	4100	1900 (H2)	RHD
8MBA4HEC	ZF 8HP	4100	2100 (H3)	RHD
8MBA4LE2	ZF 8HP	4100L	1900 (H2)	LHD
8MBA4LE3	ZF 8HP	4100L	2100 (H3)	LHD
8MBA4LEB	ZF 8HP	4100L	1900 (H2)	RHD
8MBA4LEC	ZF 8HP	4100L	2100 (H3)	RHD
8MBB4CE1	ZF 8HP	3520	1545 (H1)	LHD
8MBB4CE2	ZF 8HP	3520	1900 (H2)	LHD
8MBB4CEA	ZF 8HP	3520	1545 (H1)	RHD
8MBB4CEB	ZF 8HP	3520	1900 (H2)	RHD
8MBB4DE2	ZF 8HP	3520L	1900 (H2)	LHD
8MBB4DE3	ZF 8HP	3520L	2100 (H3)	LHD
8MBB4DEB	ZF 8HP	3520L	1900 (H2)	RHD
8MBB4DEC	ZF 8HP	3520L	2100 (H3)	RHD
8MBB4HE2	ZF 8HP	4100	1900 (H2)	LHD
8MBB4HE3	ZF 8HP	4100	2100 (H3)	LHD
8MBB4HEB	ZF 8HP	4100	1900 (H2)	RHD
8MBB4HEC	ZF 8HP	4100	2100 (H3)	RHD
8MBB4LE2	ZF 8HP	4100L	1900 (H2)	LHD
8MBB4LE3	ZF 8HP	4100L	2100 (H3)	LHD
8MBB4LEB	ZF 8HP	4100L	1900 (H2)	RHD
8MBB4LEC	ZF 8HP	4100L	2100 (H3)	RHD

Weights & dimensions



	3520 H1	3520 H2	3520L H2	3520L H3	4100 H2	4100 H3	4100L H2	4100L H3
Total length (B)	5669	5669	6069	6069	7234	7234	7607	7607
Total length without footstep	5558	5558	5963	5963	7128	7128	7498	7498
Max width (E)	2010	2010	2010	2010	2010	2010	2010	2010
Front overhang (C)	1008	1008	1008	1008	1008	1008	1008	1008
Rear overhang (D)	1141	1141	1541	1541	2126	2126	2499	2499
Rear overhang without footstep	1030	1030	1435	1435	2020	2020	2390	2390
Overall height to top of cab, unladen(K)	2460	2740	2740	2940	2740	2940	2740	2940
Turning diameter kerb to kerb	12084	12084	12084	12084	13800	13800	13800	13800
" " (Torsion bar)	12744	12744	12744	12744	14564	14564	14564	14564
Turning diameter wall to wall	12744	12744	12744	12744	14466	14466	14466	14466
" " (Torsion bar)	13366	13366	13366	13366	15190	15190	15190	15190
Front track (M)	1740	1740	1740	1740	1740	1740	1740	1740
Front track (M) (Torsion bar)	1724	1724	1724	1724	1724	1724	1724	1724
Rear track (N)	1542	1542	1542	1542	1542	1542	1542	1542
Rear track (N) (Torsion bar)	1542	1542	1542	1542	1542	1542	1542	1542
Volume (m³)	9	10.8	12	13.4	16	18	17.5	19.6
Internal height van (mm)	1545	1900	1900	2100	1900	2100	1900	2100

Weights & dimensions

	3520 H1	3520 H2	3520L H2	3520L H3	4100 H2	4100 H3	4100L H2	4100L H3
Internal width van (mm)	1740	1740	1740	1740	1740	1740	1740	1740
Van internal length (mm)	3130	3130	3540	3540	4680	4680	5125	5125
Wheelhouses distance (mm)	1032	1032	1032	1032	1032	1032	1032	1032
Approach angle (°)	12.74	12.74	10.67	12.74	13.05	13.05	13.05	13.05
Approach angle (°) (Torsion bar)	15.3	15.3	15.45	15.33	15.61	15.61	17	15.61
Departure angle (°)	18.74	18.4	11.65	13.1	9.5	9.5	7.34	7.38
Departure angle (°) (Torsion bar)	18.32	18.32	12.62	12.57	7.97	8	6.93	6.93
Left hand drive vehicle drawing	5801846983	5801846983	5801846984	5801846985	5801846986	5801846987	5801846988	5801846989
Rear door(s) height (mm)	1450	1800	1800	2000	1800	2000	1800	2000
Side door(s) width (mm)	1260	1260	1260	1260	1260	1260	1260	1260
Side door(s) height (mm)	1425	1800	1800	1800	1800	1800	1800	1800
Total vehicle kerb weight	2230	2290	2301	2323	2396	2483	2440	2532
Total vehicle kerbweight (Torsion bar)	2297	2342	2353	2485	2448	2535	2492	2584
Kerbweight - F.A.	1282	1342	1268	1273	1336	1361	1311	1332
Kerbweight - F.A. (Torsion bar)	1314	1362	1288	1376	1353	1378	1328	1349
Kerbweight - R.A.	948	948	1033	1050	1060	1122	1129	1200
Kerbweight - R.A. (Torsion bar)	983	980	1065	1109	1095	1157	1164	1235
G.V.W. (EC)	3500	3500	3500	3500	3500	3500	3500	3500
Plated weight on F.A. (EC)	1900	1900	1900	1900	1900	1900	1900	1900
Plated weight on F.A. (EC) (torsion bar)	2100	2100	2100	2100	2100	2100	2100	2100
Plated weight on rear axle (EC)	2600	2600	2600	2600	2600	2600	2600	2600
Max body & Payload (EC)	1270	1210	1199	1177	1104	1017	1060	968

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Weights & dimensions

	3520 H1	3520 H2	3520L H2	3520L H3	4100 H2	4100 H3	4100L H2	4100L H3
Max body & Payload (EC) (Torsion bar)	1203	1158	1147	1015	1052	965	1008	916
Floor height, unladen (mecbal)	775	770	765	763	760	755	750	750
Floor height, unladen (with torsion bar)	775	770	765	762	755	755	755	750
Rear door(s) width (mm)	1530	1530	1530	1530	1530	1530	1530	1530

Notes:

For "Van internal length" is considered the "Load compartment length".

The "Overall height to top of cab, unladen (K)" is the maximum height referred to a vehicle with a QUAD-TOR suspension.

The "Total vehicle kerbweight" considers the minimum kerbweight with minimum optionals.

The "Side door(s) width" considers the maximum width up to 780mm height.

Model Components

FCP - MT - 3,5 TON - 3,5 ton twin wheels

Weights (in general)

GVW (kg)	3500
GCW (kg)	7000

Notes:

The weights are indicated more precisely in the section: "Weights and dimensions".
The values of GVW / GCW can vary according to the markets and the homologations.

FCP - CA - 4X2 - 4x2

Configuration

Axle Configuration	4 X 2
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FCP - VE - FURGONE - Van

Version

Version	VAN
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Model Components

Remarks:

Anti-corrosion protection includes full cathoretic dipping with galvanized boxed sections and strategic use of zinc plated panels in vulnerable areas. Protective under seal for all under body cabin area, wheel housing and engine area.

Interior equipment:

Storage compartments with bottle holder, pool cup for mobile phone, arm rests on the doors, shelves in overhead console, shelves at floor level below seats, interior lights, 2 spotlights, 4 loud-speakers, gearshift lever on dashboard.

Passenger's seat:

Fixed, 2 seats bench with drawer under seat.

Floor:

Covered with rubber mats.

Central console:

Storage compartments, glove box compartments on the top of the dashboard, central panel, adjustable air vents, ash-trays, lighter, heating control, cooled compartment (with opt. air conditioning).

Exterior equipment:

Close proximity mirror on passenger's side, steps on both sides, front bumper, mudguard, fog lights.

Handles on both sides, handle on A-pillar (with opt), rear underrun protection, rear lights crossbar. New battery position under driver step.

In cab equipment (it can vary according to the markets / homologations; for a complete list of Daily options please contact local Iveco distributor) :

Indicator lamps, on cluster:

- Parking brake
- Brakes failure
- Directions indicators
- Generic failure
- Seat belts not fastened
- Fog lights
- High beams
- Wing lights
- External lights failure
- Rear fog light(s)
- Open doors
- Fuel gauge
- Tachograph failure
- Coolant temperature
- EOBD
- Engine preheating
- Water in fuel filter
- Clogged air filter
- Clogged fuel filter

Multifunction stalks:

(Left) direction - Wing / Highbeam / Lowerbeam - Headlamp flash - Horn - Front fog lights (right).

New Daily 2014 is equipped with DRL (Daytime Running Lights).

For more security "side light / parking light" switch on automatically at every Key ON, so that the vehicle is more visible by daytime, too. The driver cannot by any means switch them off.

Windscreen wiper with intermittent wipe.

Steering wheel with secure and comfortable grip (ø 390 mm / inclination 42°).

FCP - DR - SX - LH drive

Drive

Left

FCP - DR - DX - RH drive

Drive

Right

FTP - EN - FIAFL411B - FIA Engine 126hp Euro5+ LD WG

Engine

Manufacturer	FPT
Position	FRONT

Model Components

Arrangement	LONGITUDINAL
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
Injection type	Unijet common rail - 16 valves
4 Stroke / 2 Stroke cycle	4
No. of cylinders	4
Cylinders layout	IN-LINE
Bore (mm)	88
Stroke (mm)	94
Total displacement cm ³	2287
Exhaust gas treatment	EGR
(Torque, generic ref. only. See: "EP")	320

Engine - Miscellaneous

Injection system	HIGH PRESSURE / COMMON RAIL
Cold starting type	THERMOSTARTER

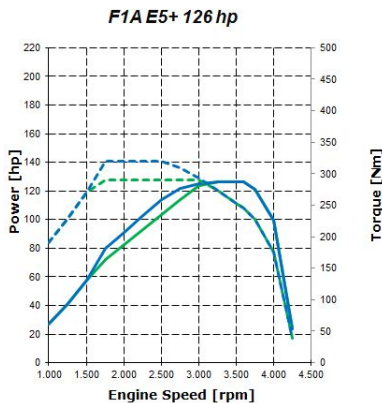
Cooling

Cooling system	water
Fan type	electromagnetic

Air intake

Filter type	DRY
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FCP - EP - I26 EU5 - ENGINE F1A I26CV EURO 5 LD



Engine

Power kW	93
Power Hp	126
Rpm at Max Power	3600
Torque Nm	320
Rpm l/min (min)	800
rpm (min. "Max Torque" eng. speed)	1800
Type of turbocharging	with waste gate valve

FTP - GB - ZF 8HP - Automatic 8-speed ZF Gearbox

Gearbox

Gearbox Type	AUTOMATIC
Installation	ENGINE FLANGED
Box material	ALUMINIUM
Dry weight Kg	81
Max input torque Nm	470
No. of gears (forward)	8
No. of reverse gears	1

Gear ratios

Gear ratio: 1st gear	4.71
Gear ratio: 2nd gear	3.14

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Model Components

Gear ratio: 3rd gear	2.1
Gear ratio: 4th gear	1.67
Gear ratio: 5th gear	1.29
Gear ratio: 6th gear	1
Gear ratio: 7th gear	.84
Gear ratio: 8th gear	.67
Gear ratio: rev. 1st	3.3
Gear Ratio: Last Gear	.67

With a torque up to 470 Nm and thanks to the electronic control of gear changing, Hi-Matic is perfect for high performance engines up to 205 HP.

Electronic control allows to select between two modes of use, specific to the type of journey:

ECO: setting during which smooth shifting at low speeds is performed to emphasize comfort and minimize energy consumption.

POWER: the transmission performs faster gear changes at higher speeds, ensuring a precise engagement of gear ratios for performing drive.

FTP - RA - NDA RG - NDA Twin Wheels (ex 4503 I I)
Other features

Axle Type	RIGID
Axle weight without susp. and tyres (Kg)	136
Max Load (class) Kg	2600
Reduction type	single

Brakes

Brakes according to standards	EC
Brake type	Disc

FTP - FS - AMA021N - Torsion bar 21 q
Suspensions

Springs material	STEEL
Front Axle Suspension Type	Independent with torsion bar

Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC
Shock absorbers no. (front)	2

Features of the brakes (front wheels) :

35C - 50C : 2 calipers, diameter 2x48 mm - disc: diameter 290 mm, thickness: 28 mm

FTP - FS - AMB019N - Leaf Spring 19 q
Suspensions

Springs material	STEEL
Front Axle Suspension Type	Independent wheels, transversal leaf

Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC
Shock absorbers no. (front)	2

Features of the brakes (front wheels) :

35S / 35C : 2 calipers, diameter 2x48 mm - disc: diameter 300 mm, thickness: 28 mm

FTP - RS - PMA031N - Leaf springs 31 q.
Suspensions

Lifting actuation	ELECTRO-AIR
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Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC
Shock absorbers no. (rear)	2

Model Components

Notes:

For models 29L / 35S : vans ,combi ,chassis cowl , chassis cab , crew cab are equipped with parabolic springs.

For models 35C / 40C / 45C / 50C / 65C : vans ,combi,chassis cowl are equipped with parabolic springs.

For models " " " " " : chassis cab ,crew cab are equipped with semielliptic springs.

FTP - FR - AC05560RI - Chassis 174 x 66 x 3

Chassis (mm)

Frame section PARALLEL

Chassis / W.B.

Section shape "C"

Wheelbase mm 3300

Side members material STEEL

Notes:

the values can vary according to models / versions. See also the section: "Weights and dimensions"

FCS - M0000 - 04488 - SYSTEM ESP 9

Braking system

Features -

Braking system:

Dual circuit configuration; cross split on 29L - 35S / independent from 35C up to 70C.
 Hydraulically operated with vacuum servo assistance.
 Full disc brakes with floating calipers with auto wear adjustment.
 Mechanically controlled parking brake:
 29L / 35S / 35C (brake calipers)
 40C / 45 / 50C / 60C / 65C / 70C (drum)
 Brake fluid level indicator-front / rear pad wear indicator.
 Asbestos free pads.
 EASY interface.

Notes:

On Daily 2014 the ESP 9 system is standard for all the range. It is the latest evolution among the Electronic vehicle stability controls and is an advanced system for active and preventive safety in all weather and road conditions. Prevents the loss of vehicle control caused by:

- High speed
- Wrong evaluation of the road lay-out
- Sudden vehicle skid
- Trying to avoid an obstacle
- Sudden vehicle steering

ESP9 includes ABS (Antilock Braking System), EBD (Electronic Brake force Distribution), ASR (Anti Slip Regulator), MSR (Motor Schleppmoment Regelung that acts on engine speed to reduce the braking torque in release), Hill Holder (Assited uphill departure), HBA (Hydraulic Brake Assist), LAC (Load Adaptive Control), TSM (Trailer sway mitigation. It detects the presence of a trailer and adapts the electronic stability control strategy in order not to negatively influence the dynamics of the vehicle-trailer system), RMI (Roll Movement Intervention. It mitigates dangerous roll-over situations during highly dynamic driving like e.g. evasive manoeuvre), ROM (Roll Over Mitigation. It mitigates dangerous roll-over situations during almost stationary manoeuvres like circular driving with steadily increasing steering wheel angle).

FTP - BD - FN3115S - Van HI - 3520 - Sx

Loading compartment

Side door(s) No. 1
 Side door(s) type Sliding
 Rear doors No. 2
 Rear doors type Side hung

Cabin

Type of cabin Semi-forward
 Structure material Steel

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Model Components

No. of places	3
No. of seats	2
Cabin doors no.	2

FTP - BD - FN3119S - Van H2 -3520 - Sx
Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

FTP - BD - FN3521S - Van H3 - wheelbase 3520L - Sx
Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

FTP - BD - FN4719S - Van H2 - wheelbase 4100 Sx
Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

FTP - BD - FN4721S - Van H3 - wheelbase 4100 - Sx
Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

Cabin

Type of cabin	Semi-forward
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Model Components

Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Wind-up window type	full electrical

FCS - D7000 - 02307 - STEEL WHEELS

Wheels

Rim type	DISC
Rim material	STEEL

FCS - I0000 - 20103 - TYRES 195/75R16 FAST ON ROAD

Tyres

Tyre dimensions	195/75 R 16C
Speed index	N = 140 KM/H
Rolling radius m	.337
Rolling circumference m.	2.115
Dinamic Radius m	.337
Rolling resistance Coefficient	.009

FCS - I0000 - 20046 - 195/75R16 TYRES (ON ROAD/TRACTION)

Tyres

Tyre dimensions	195/75 R 16C
Speed index	N = 140 KM/H
Rolling radius m	.337
Rolling circumference m.	2.115
Dinamic Radius m	.337
Rolling resistance Coefficient	.009

FCS - I0000 - 20661 - 195/75R16 IC I10/I08 2120/4000

Tyres

Rolling circumference m.	2.132
Dinamic Radius m	.339
Rolling resistance Coefficient	.007

FCS - D0000 - 06010 - REAR AXLE RATIO 3.60

Rear Axle Ratios

Rear axle ratio	3.615
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FCS - D0000 - 08171 - 5.14 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.14
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FCS - D0000 - 06056 - 4.22:1 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	4.22
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FCS - D0000 - 07136 - 5.111 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.111
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FCS - MPN00 - 00567 - 110 AH BATTERIES

Electrics

Batteries capacity V/Ah	12 V / 110 Ah
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FDP: A35V MARKET: I100 Model: 35C13A8 V

Calculations

Tyres :	20103 - 195/75R16 TYRES	Rear Axle Ratio :	6010 - R. AXLE RATIO 3.60
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	NDA RG		Total Weights (solo vehicle) (Kg)			Total Weights (vehicle+trailer) (Kg)						
8MBA4CE1		3.615		3500				7000					
	I°		4.71	26.83	47.39				21.44				
	L.		.67	160	2.01				.55				
8MBA4CE2		3.615		3500				7000					
	I°		4.71	26.83	47.38				21.43				
	L.		.67	160	1.57				.33				
8MBA4DE3		3.615		3500				7000					
	I°		4.71	26.83	47.37				21.43				
	L.		.67	160	1.22				.16				

Tyres :	20103 - 195/75R16 TYRES	Rear Axle Ratio :	6056 - 4.22 REAR AXLE RATIO
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	NDA RG		Total Weights (solo vehicle) (Kg)			Total Weights (vehicle+trailer) (Kg)						
8MBA4CE1		4.22		3500				7000					
	I°		4.71	22.98	58				25.42				
	L.		.67	160	3.94				1.52				
8MBA4CE2		4.22		3500				7000					
	I°		4.71	22.98	57.99				25.42				
	L.		.67	160	3.61				1.36				
8MBA4DE3		4.22		3500				7000					
	I°		4.71	22.98	57.98				25.41				
	L.		.67	160	3.36				1.23				

Tyres :	20103 - 195/75R16 TYRES	Rear Axle Ratio :	7136 - 5.111 R. AXLE RATIO
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	NDA RG		Total Weights (solo vehicle) (Kg)			Total Weights (vehicle+trailer) (Kg)						
8MBA4CE1		5.111		3500				7000					
	I°		4.71	18.98	76.94				31.5				
	L.		.67	133.41	6.26				2.67				
8MBA4CE2		5.111		3500				7000					
	I°		4.71	18.98	76.93				31.49				
	L.		.67	133.41	6.04				2.56				
8MBA4DE3		5.111		3500				7000					
	I°		4.71	18.98	76.93				31.49				
	L.		.67	133.41	5.86				2.48				



FDP: A35V MARKET: I100 Model: 35C13A8 V

Calculations

Tyres : 20103 - 195/75R16 TYRES

Rear Axle Ratio : 8171 - 5.14 REAR AXLE RATIO

Efficiency : 0.93

No Transfer Box

VCB Code	Ratios		Speed Km/h	Max Gradeability													
	ZF 8HP	NDA RG		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)								
8MBA4CE1	I°	4.71	5.14	18.87	3500						7000						
	L.	.67		132.66	77.65							31.7					
					6.33							2.71					
8MBA4CE2	ZF 8HP	NDA RG	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)								
	I°	4.71	5.14	18.87	3500						7000						
	L.	.67		132.66	77.64							31.7					
				6.11							2.6						
8MBA4DE3	ZF 8HP	NDA RG	Km/h	Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)								
	I°	4.71	5.14	18.87	3500						7000						
	L.	.67		132.66	77.64							31.69					
				5.93							2.51						