

# DAILY

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



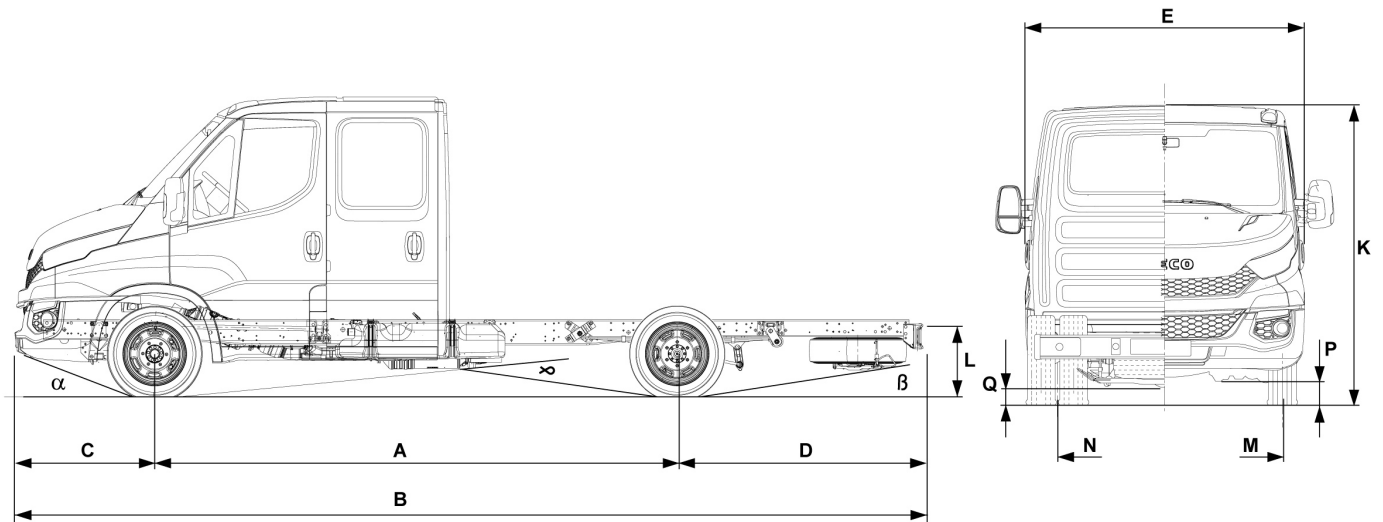
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**IVECO**

**List of linked VCB**

<b>VCB Code</b>	<b>Gearbox</b>	<b>Wb</b>	<b>Cabin</b>	<b>Drive</b>
8CBA6BEI	ZF 8HP	3450	LDOS	LHD
8CBA6BEA	ZF 8HP	3450	LDOD	RHD
8CBA6EEI	ZF 8HP	3750	LDOS	LHD
8CBA6EEA	ZF 8HP	3750	LDOD	RHD
8CBA6HEI	ZF 8HP	4100	LDOS	LHD
8CBA6HEA	ZF 8HP	4100	LDOD	RHD
8CBB6BEI	ZF 8HP	3450	LDOS	LHD
8CBB6BEA	ZF 8HP	3450	LDOD	RHD
8CBB6EEI	ZF 8HP	3750	LDOS	LHD
8CBB6EEA	ZF 8HP	3750	LDOD	RHD
8CBB6HEI	ZF 8HP	4100	LDOS	LHD
8CBB6HEA	ZF 8HP	4100	LDOD	RHD

### Weights & dimensions



3000      3450      3750      4100

Overall length (over RUP) (B)	5348	5913	6523	6923
Max width over wings (cab) (E)	2010	2010	2010	2010
Front axle to front of body (H)	2160	2160	2160	2160
Frame height end of frame, unladen(L)	---	726	733	726
" " (Torsion bar)	778	745	787	787
Frame height front axle, unladen	---	541	543	541
" " (Torsion bar)	583	580	579	574
Frame height rear axle, unladen	---	675	675	675
" " (Torsion bar)	721	723	723	725
Front overhang (C)	1008	1008	1008	1008
Rear overhang (D)	1340	1455	1765	1815
Minimum ground clearance (front)	---	115	115	132
" " (Torsion bar)	190	196	196	196

### Weights & dimensions

	3000	3450	3750	4100
Minimum ground clearance (rear)	---	154	154	171
" " (Torsion bar)	173	177	177	177
Overall height to top of cab,unladen(K)	---	2275	2267	2259
" " (Torsion bar)	2289	2305	2298	2291
Turning diameter kerb to kerb	---	11876	12764	13800
" " (Torsion bar)	11116	12526	13466	14564
Turning diameter wall to wall	---	12536	13428	14466
" " (Torsion bar)	11730	13146	14090	15190
Front track (M)	---	1740	1740	1724
Front track (M) (Torsion bar)	1724	1724	1724	1724
Rear track (N)	---	1542	1542	1542
Rear track (N) (Torsion bar)	1542	1542	1542	1542
Approach angle (°)	---	16.7	16.9	17
Approach angle (°) (Torsion bar)	18	15	18.6	18.7
Departure angle (°)	---	9.6	7.5	7.4
Departure angle (°) (Torsion bar)	15.4	10.7	8.5	8.2
Ramp angle (°)	---	19.2	16.8	15.2
Ramp angle (°) (Torsion bar)	23.7	20.5	18.7	16
Left hand drive vehicle drawing	5801824770	5801824750	5801824753	5801824759
Total vehicle kerb weight	---	2059	2071	2082
Total vehicle kerbweight (Torsion bar)	2063	2091	2104	2115
Kerbweight - F.A.	---	1434	1450	1468
Kerbweight - F.A. (Torsion bar)	1426	1462	1478	1496

**35C13 D HI-MATIC - NEW DAILY EURO 5b+ (FIA 2.3I)**
**Weights & dimensions**

	3000	3450	3750	4100
Kerbweight - R.A.	---	625	621	614
Kerbweight - R.A. (Torsion bar)	637	629	626	619
G.V.W. (EC)	3500	3500	3500	3500
Plated weight on F.A. (EC)	---	1900	1900	1900
Plated weight on F.A. (EC) (torsion bar)	2100	2100	2100	2100
Plated weight on rear axle (EC)	2600	2600	2600	2600
Trailer weight (inertia brake)	3500	3500	3500	3500
Max body & Payload (EC)	---	1441	1429	1418
Max body & Payload (EC) (Torsion bar)	1437	1409	1396	1385
Side members thickness	4	4	4	4
Side members max height	182	182	182	182
Flange width	70	70	70	70
Frame width at rear	860	860	860	860

**Note:**

The "Total vehicle kerb weight" considers the minimum kerb weight with minimum options.

## 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 - 6+1 - Crew cab 6+1

#### Version

Version	Crew cab 6+1
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### 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
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 <sup>3</sup>	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

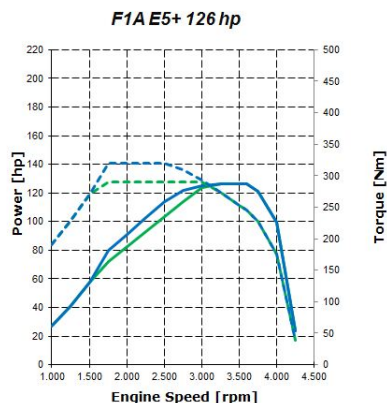
Cooling system	water
Fan type	electromagnetic

#### Air intake

Filter type	DRY
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**Model Components**

**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
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
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## Model Components

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

#### Shock absorbers

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

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 - AB05605RI - Chassis 174 x 66 x 4

#### Chassis (mm)

Frame section PARALLEL

#### Chassis / W.B.

Section shape "C"  
 Wheelbase mm 3450  
 Side members material STEEL

### FTP - FR - AB06215RI - Chassis 174 x 66 x 4

#### Chassis (mm)

Frame section PARALLEL

#### Chassis / W.B.

Section shape "C"  
 Wheelbase mm 3750  
 Side members material STEEL



**Model Components**
**FTP - FR - AB06615RI - Chassis 174 x 66 x 4**
**Chassis (mm)**

Frame section PARALLEL

**Chassis / W.B.**

Section shape "C"

Wheelbase mm 4100

Side members material STEEL

**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 Schlepptomment 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 - CL - LDOS - Double Cab LH**
**Cab**

Version DOUBLE CAB

Cab type SEMI-ADVANCED FIRM

Material STEEL PLATE

**Roof**

Roof material SYNTHETIC, WASHABLE

**Dimensions**

Front Area 3.8

Air Penetration Coefficient .7

**Doors**

Front doors no. 4

Front doors type SIDE HUNG, INTERNALLY COVERED WITH FABRIC

Front doors opening angle 64°

Window operation MANUAL ON RIGHT - MANUAL ON LEFT

**Rear view mirrors**

Rear view mirr no 2

Mirrors control MANUAL

Kerbside approach mirror

## Model Components

### Heating

Fan speed no. 4

Air conditioning control MANUAL

Heating control MANUAL

### Windscreen

Windscreen type STRENGTHENED - LAMINATED, ATHERMIC

Windscreen according to standards EEC

### Windscreen wiper

No. of windscreen wiper speeds 3

No. of windscreen wipers 2

### Seats

No. of places 7

No. of seats 3

Driver seat adjustme IN HEIGHT, LENGTH AND BACK INCLINATION

Passenger seat type TWO SEATS BENCH

Central seat type 4 POSITIONS - TILTABLE

### Miscellaneous

Lighter

### Windows

Side rear windows

### Chassis cab

Doorway lever

Glove compartment

Cab floor COVERED WITH SYNTHETIC MATERIAL

Monolithic execution

Plastic covering

Armrest

### 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°).

### FTP - CL - LDOD - Double Cab RH

#### Cab

Version	DOUBLE CAB
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE

#### Roof

Roof material	SYNTHETIC, WASHABLE
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#### Doors

Front doors no.	4
Front doors type	SIDE HUNG, INTERNALLY COVERED WITH FABRIC
Front doors opening angle	64

## Model Components

Window operation	MANUAL ON RIGHT - MANUAL ON LEFT
<b>Rear view mirrors</b>	
Rear view mirr no	2
Mirrors control	MANUAL
Kerbside approach mirror	
<b>Heating</b>	
Fan speed no.	4
Air conditioning control	MANUAL
Heating control	MANUAL
<b>Windscreen</b>	
Windscreen type	STRENGTHENED - LAMINATED, ATHERMIC
Windscreen according to standards	EEC
<b>Windscreen wiper</b>	
No. of windscreen wiper speeds	3
No. of windscreen wipers	2
<b>Seats</b>	
No. of places	7
No. of seats	3
Driver seat adjustme	IN HEIGHT, LENGTH AND BACK INCLINATION
Passenger seat type	TWO SEATS BENCH
Central seat type	4 POSITIONS - TILTABLE
<b>Miscellaneous</b>	
Lighter	
<b>Windows</b>	
Side rear windows	
<b>Chassis cab</b>	
Doorway lever	
Glove compartment	
Cab floor	COVERED WITH SYNTHETIC MATERIAL
Monolithic execution	
Plastic covering	
Armrest	

**Model Components**

Remarks:

Storage compartments with bottle holder, defrost system for door windows, arm rests on the doors.  
 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. Steel bumper and side mouldings.

Interior equipment:  
 Storage compartments, shelves in overhead console, shelves at floor level below seats, interior lights, 2 spotlights, loud-speakers, gearshift lever on dashboard.

Central console:  
 Storage compartments, 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, rear underrun protection, spare wheel on left side, rear lights crossbar.

In cab equipment :

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
- Service
- Tachograph failure
- Coolant temperature
- EOBD
- Engine preheating
- Water in fuel filter
- Clogged air filter
- Clogged fuel filter

COMFORT LCD Display panel includes :  
 odometer - clock - headlamp orientation - trip computer - service - "Follow me" - seat belts not fastened - speed limits exceeding.

Switches on central console:

Rear fog lights - Hazard lights

Switches on central console (upper):

Central differential lock lamp - Central differential lock switch - Rear differential lock lamp - Rear differential lock - Front differential lock lamp (opt.) - Front differential lock switch (opt.) - ABS failure lamp (if present) - Differential locks failure lamp - ABS disconnection lamp (if present)

Multifunction stalks:

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

Windscreen wiper with intermittent wipe.

**FCS - D7000 - 02307 - STEEL WHEELS**

**Wheels**

Rim type	DISC
Rim material	STEEL

## Model Components

### 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 - 00003 - REAR AXLE RATIO 4.44

#### Rear Axle Ratios

Rear axle ratio	4.44
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### 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 - 06006 - 3.15 REAR AXLE RATIO

#### Rear Axle Ratios

Rear axle ratio	3.15
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### FCS - D0000 - 07134 - 3.308 REAR AXLE RATIO

#### Rear Axle Ratios

Rear axle ratio	3.308
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### FCS - D0000 - 02001 - 2.93 REAR AXLE RATIO

#### Rear Axle Ratios

Rear axle ratio	2.93
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### FCS - MPN00 - 00567 - I10 AH BATTERIES

#### Electrics

Batteries capacity V/Ah	12 V / 110 Ah
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**FDP: A35C MARKET: I100 Model: 35C13A8 D**

**Calculations**

**Tyres : 20103 - 195/75R16 TYRES Rear Axle Ratio : 3 - R. AXLE RATIO 4.44**

**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)							
8CBA6BE1				3500							7000					
	I°	4.71	21.85	62.24							26.89					
	L.	.67	153.57	4.55							1.82					

**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)							
8CBA6BE1				3500							7000					
	I°	4.71	26.83	47.39							21.44					
	L.	.67	160	2.01							.55					

**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)							
8CBA6BE1				3500							7000					
	I°	4.71	22.98	58							25.42					
	L.	.67	160	3.94							1.52					

**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)							
8CBA6BE1				3500							7000					
	I°	4.71	18.87	77.65							31.7					
	L.	.67	132.66	6.33							2.71					