

DAILY

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



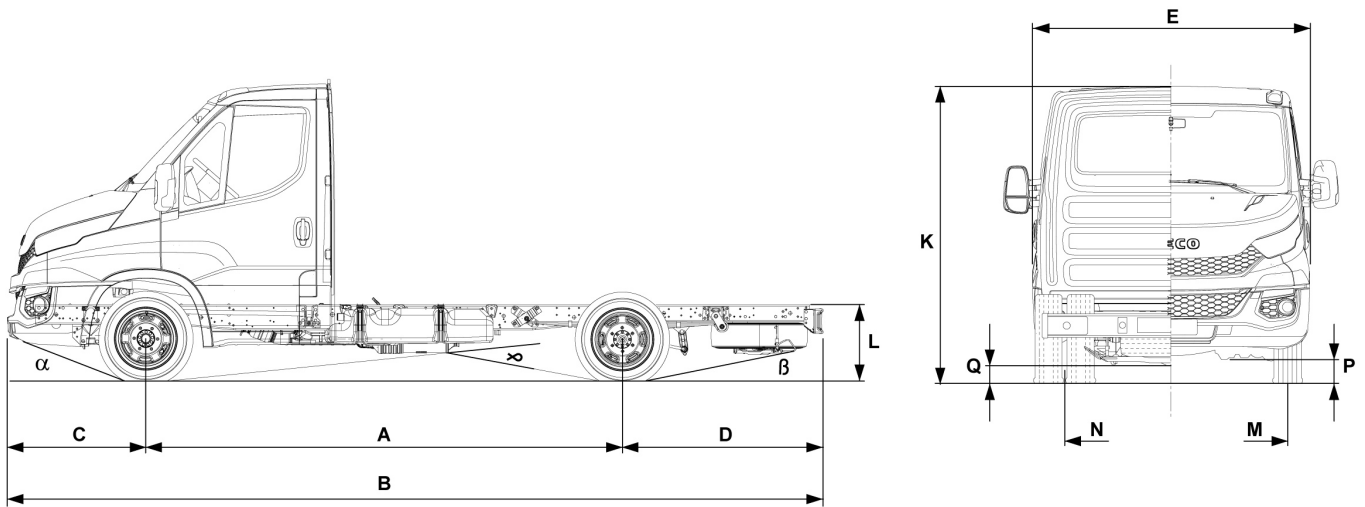
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IVECO

List of linked VCB

VCB Code	Gearbox	Wb	Cabin	Drive
8CBAIAEI	ZF 8HP	3000	LSTS	LHD
8CBAIAEA	ZF 8HP	3000	LSTD	RHD
8CBAIBEI	ZF 8HP	3450	LSTS	LHD
8CBAIBEA	ZF 8HP	3450	LSTD	RHD
8CBAIEEI	ZF 8HP	3750	LSTS	LHD
8CBAIEEA	ZF 8HP	3750	LSTD	RHD
8CBAIHEI	ZF 8HP	4100	LSTS	LHD
8CBAIHEA	ZF 8HP	4100	LSTD	RHD
8CBBIAEI	ZF 8HP	3000	LSTS	LHD
8CBBIAEA	ZF 8HP	3000	LSTD	RHD
8CBBIBEI	ZF 8HP	3450	LSTS	LHD
8CBBIBEA	ZF 8HP	3450	LSTD	RHD
8CBBIEEI	ZF 8HP	3750	LSTS	LHD
8CBBIEEA	ZF 8HP	3750	LSTD	RHD
8CBBIHEI	ZF 8HP	4100	LSTS	LHD
8CBBIHEA	ZF 8HP	4100	LSTD	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)	1410	1410	1410	1410
Frame height end of frame, unladen (L)	769	767	776	772
" " (Torsion bar)	752	753	800	798
Frame height front axle, unladen	555.81	553	549	552
" " (Torsion bar)	588.88	588	587	586
Frame height rear axle, unladen	728.31	707	706	706
" " (Torsion bar)	734.56	732	735	735
Front overhang (C)	1008	1008	1008	1008
Rear overhang (D)	1340	1455	1765	1815
Minimum ground clearance (front)	139	138.86	132	130
" " (Torsion bar)	183	182	192	192

Weights & dimensions

	3000	3450	3750	4100
Minimum ground clearance (rear)	150	167.19	171	169
" " (Torsion bar)	150	167	172	160
Overall height to top of cab,unladen(K)	2275	2263	2257	2251
" " (Torsion bar)	2294	2284	2278	2273
Turning diameter kerb to kerb	10546	11876	12764	13800
" " (Torsion bar)	11116	12526	13466	14564
Turning diameter wall to wall	11200	12536	13428	14466
" " (Torsion bar)	11730	13146	14090	15190
Front track (M)	1740	1740	1740	1740
Front track (M) (Torsion bar)	1724	1724	1724	1724
Rear track (N)	1542	1542	1542	1542
Rear track (N) (Torsion bar)	1542	1542	1542	1542
Approach angle (°)	16	16.4	16.6	16.7
Approach angle (°) (Torsion bar)	18.1	18.4	18.6	18.7
Departure angle (°)	13.4	10.9	8.6	8.3
Departure angle (°) (Torsion bar)	13.2	10.7	8.5	8.2
Ramp angle (°)	22	19	17.5	15.9
Ramp angle (°) (Torsion bar)	24.5	21.2	19.4	17.7
Left hand drive vehicle drawing	5801824129	5801824144	5801824156	5801824166
Total vehicle kerb weight	1878	1906	1919	1932
Total vehicle kerbweight (Torsion bar)	1911	1939	1952	1966
Kerbweight - F.A.	1334	1358	1368	1381
Kerbweight - F.A. (Torsion bar)	1361	1386	1396	1410

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

	3000	3450	3750	4100
Kerbweight - R.A.	544	548	551	551
Kerbweight - R.A. (Torsion bar)	550	553	556	556
G.V.W. (EC)	3500	3500	3500	3500
Plated weight on F.A. (EC)	1900	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)	1622	1594	1581	1568
Max body & Payload (EC) (Torsion bar)	1589	1561	1548	1534
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 - CABINAT - Rigid

Version

Version	CHASSIS CAB
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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 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

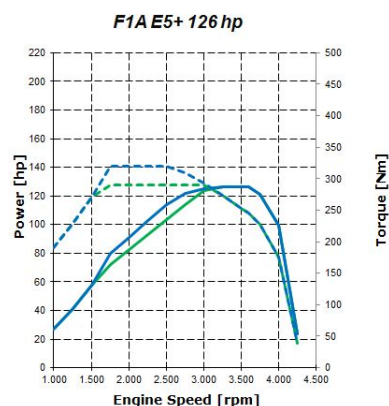
Cooling system	water
Fan type	electromagnetic

Air intake

Filter type	DRY
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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

FTP - FR - AB05040RI - Chassis 174 x 66 x 4
Chassis (mm)

Frame section PARALLEL

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 - CL - LSTS - Light Cab LH
Cab

Manufacturer IVECO

Cab type SEMI-ADVANCED FIRM

Material STEEL PLATE

Steps no. 1

Roof

Roof type LOW

Dimensions

Front Area 3.8

Air Penetration Coefficient .7

Doors

Front doors no. 2

Front doors type WINDOW SASH

Front doors opening angle 64°

Window operation MANUAL ON RIGHT - MANUAL ON LEFT

Model Components

Rear view mirrors

Rear view mirr no 2

Mirrors control MANUAL

Heating

Fan speed no. 4

Heating control MANUAL

Windscreen wiper

No. of windscreen wiper speeds 3

No. of windscreen wipers 2

Seats

No. of places 3

No. of seats 2

Driver seat adjustme IN HEIGHT, LENGTH AND BACK INCLINATION

Passenger seat type TWO SEATS BENCH

Miscellaneous

Safety belts points

Sun visors no. 2

Ceiling no. 1

Lighter

CB pre-wiring

Chassis cab

Doorway lever

Glove compartment

Cab floor COVERED WITH SYNTHETIC MATERIAL

Monolithic execution

Plastic covering

Model Components

Remarks:

Anti-corrosion protection includes full cathophoretic 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 - LSTD - Light Cab RH

Cab	
Version	SHORT CAB
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE
Steps no.	1
Roof	
Roof type	LOW
Dimensions	
Front Area	3.8
Air Penetration Coefficient	.7

Model Components

Doors

Front doors no.	2
Front doors type	WINDOW SASH
Front doors opening angle	64°
Window operation	MANUAL ON RIGHT - MANUAL ON LEFT

Rear view mirrors

Rear view mirr no	2
Mirrors control	MANUAL

Heating

Fan speed no.	4
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	3
No. of seats	2
Driver seat adjustme	IN HEIGHT, LENGTH AND BACK INCLINATION
Passenger seat type	TWO SEATS BENCH

Miscellaneous

Safety belts points	
Sun visors no.	2
Ceiling no.	1
Lighter	
CB pre-wiring	

Windows

Side rear windows

Chassis cab

Doorway lever	
Glove compartment	
Cab floor	COVERED WITH SYNTHETIC MATERIAL

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.

Passenger's seat:

Fixed, 2 seats bench

Floor:

Covered with rubber mats

Interior equipment:

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, rear lights crossbar

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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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)					
8CBA1AEI				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)					
8CBA1AEI				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)					
8CBA1AEI				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)					
8CBA1AEI				3500					7000				
	I°	4.71	18.87	77.65					31.7				
	L.	.67	132.66	6.33					2.71				