

# HINO 300 Series

## 817 4x4 817 4x4 Crew



\* Illustration may contain items not standard to the model

**ADR 80/03 Model  
Wide Cab 4 x 4 Cab Chassis**

## KEY FEATURES

- Cruise Control
- Dual SRS Airbags
- Ventilated Disc Brakes Front & Rear
- Vehicle Stability Control (VSC)
- Anti-lock Brake System (ABS)
- Reverse Camera
- Traction Control (TRC)
- ADR 80/03 Emission using Euro 5
- Selectable 4x4 and Low Range
- Drivers Suspension Seat
- ECE R-29 Cab Strength Certified
- Available in 7 seat crew cab with Rear passenger air conditioning

## KEY SPECIFICATIONS

- GVM.** . . . . . 7,500kg, optional 4,495kg
- GCM.** . . . . . 11,000kg, optional 7,995kg
- Power** . . . . . 121kW (165 hp)
- Torque** . . . . . 464Nm
- Transmission** . . . . . 6 speed manual transfer case with hi and low
- Wheelbase** . . . . . 3,500mm
- Max Nominal Body Length** . . . . 4,865mm (Single Cab) 3,840mm (Crew Cab)

## ENGINE

Engine model	N04C UT
Max output (ISO Net)	165 hp/121kW @ 2,500 RPM
Max torque (ISO Net)	464Nm @ 1,400 RPM
Maximum engine speed	3,100 RPM
Type	Diesel, four-cylinder OHV, fluid cooled
Combustion system	Direct injection type
Bore & stroke	104 x 118mm
Piston displacement	4.009 litres
Compression ratio	17:1
Fuel injection system	Electronic control, common rail type
Air intake system	Turbo-intercooled
Air cleaner	Single paper element
Fan clutch	Equipped
Exhaust outlet	Horizontal rear facing on the RHS
Emission control system	EGR & DPR meeting ADR 80/03 using Euro 5 STD

## CLUTCH

Clutch type	Dry single plate with damper springs
Facing material	Organic
Facing outside diameter	325mm
Facing lining area	483cm <sup>2</sup> x 2
Control	Hydraulic

## TRANSMISSION

Type	6 speed synchromesh single overdrive
Control	Cable
Model	MZZ6F

## TRANSFER CASE

Type	4x4 selection with high and low ratios
Control	Electro/pneumatic
Model	MA12C

## PERFORMANCE & GEAR RATIOS

Engine RPM @ 100km/h	2,440		
Maximum theoretical speed (km/h)	126		
Gradeability tan $\theta$ % @ GVM	60		
Electronically speed limited to (km/h)	100		
Gear Position	High Range	Low Range	
Gear Ratios of Transmission Combined with Transfer Case Ratios	1st	6.369	14.165
	2nd	3.767	8.378
	3rd	1.966	4.372
	4th	1.355	3.014
	5th	1.000	2.224
	6th	0.782	1.739
	Rev	6.369	14.165
Transfer Case Ratio	1	2.224	
Differential Ratio	4.625		

## BRAKES

Service brakes	Hydraulic system with disc brakes front and rear
Control	Vacuum servo with hydraulic assist and dual circuits
Front disc diameter	321mm
Rear disc diameter	287mm
Anti-lock Brakes System (ABS)	Equipped
Vehicle Stability Control (VSC)	Equipped
Traction Control (TRC)	Equipped
Exhaust brake	Equipped
Park brake	Rear of transfer case

## AXLE, SUSPENSION & LOAD LIMITS

FRONT	Front Axle Model & Type	BD26 series full floating axles with manual locking free wheeling hubs	
	Suspension	Multi leaf springs with shock absorbers and stabiliser	
	Spring Dimensions	1,300 x 70mm	
	Number of Leaves	6	
	Spring Rate	20.1kgf/mm	
	Axle Limit (including suspension)	2,800kg	
REAR	Tyre Limit	2,900kg	
	Rear Axle Model & Type	SH13, fully floating, single reduction, main and aux multi leaf with shock absorber	
	Spring	Main	Auxiliary
	Dimensions	1,350 x 70mm	900 x 70mm
	Spring Rates	21.7kgf/mm	67.2kgf/mm
	Number of Leaves	6	6
	Axle Limit (including suspension)	6,200kg	
	Tyre Limit	5,600kg	

## WHEEL & TYRES

Wheel type	6-stud SAE, 222.25mm PCD
Wheel size	17.5 x 6.00-127mm
Tyre size	8.5R17.5 – 121/120
Number of tyres	7
Spare tyre	Temporary on chassis

## FUEL TANK

Capacity	100L + 70L total 170L
Type	All steel
Prefilter and sedimenter	Equipped
Key lock cap	Both tanks

## STEERING

Type	Telescopic and tilt steering column with recirculating ball with integral power steering	
Gear ratio	20.9	
Steering angles	Inside: 33°	Outside: 32°

## CAB EXTERIOR

	Single Cab	Crew Cab
Description	Forward control, all steel construction and trimmed	
Type	Tilting	Fixed
Engine access	Torsion bar tilt mechanism	Internal engine access
Windscreen	Laminated and tinted	
Windscreen wipers	Electric, dual wipers and washers, intermittent and 2-speed settings	
Outside rear view mirrors	Remote control and heated with 2 convex spotters	

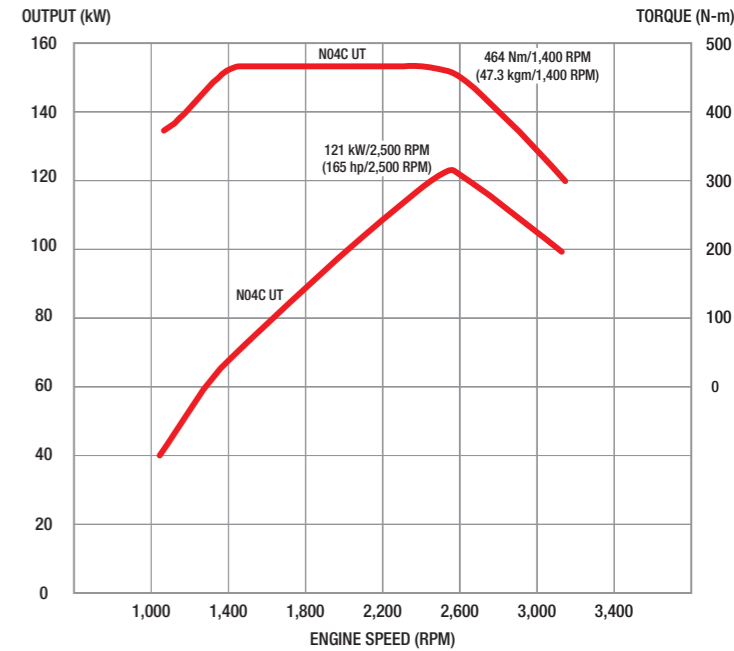
## CAB INTERIOR

	Single Cab	Crew Cab
Seating capacity	Three	Seven (3 front and 4 rear)
Driver's seat	4-way adjustable, urethane pads, high-back, lumbar support with suspension base	
Passenger seats	Fixed bench	Front – fixed bench Rear – fixed bench
Seat belts	3-point with ELR and pretensioner for driver and outer passenger, 2-point for centre position	Front – 3-point with ELR and pretensioner for driver and outer passenger, 2-point for centre position Rear – 3-point outer passengers, 2-point for centre positions
Dual SRS air bag system	Driver and front outer passenger	
Over head console	Driver and front outer passenger	
Inside rear view mirror	Flat centre mounted	
Air conditioning Heater and Defroster	Combination A/C and heater	Combination A/C and heater Additional rear A/C console Additional rear heater and fan
Remote door locking	Equipped	
Immobiliser	Equipped	
Cruise control	Equipped	
Multimedia System	6.5" LCD, HD touch screen display with DAB+ AM/FM radio, AUX input, Bluetooth® 4.1, Android 6.0, CANBUS connected and Wi-Fi enabled	
Speakers	Driver and passenger sides	
Cup holders	Equipped	

## ELECTRICAL

Type	24 volt, negative earth
Batteries	2 x 12V, series connection, capacity 80Ah
Alternator type	Brushless with built in rectifier and voltage regulator
Capacity	24V – 80 Amp
Starter	24V – 4.5 kW
Headlamps	Halogen type
High/low beam	Equipped
LED reading lamp	Equipped
Electric horn	Equipped

## POWER & TORQUE CHART (ISO NET) N04C UT



## CHASSIS FRAME

Type	Ladder-shaped channel
Chassis width	840mm
Main section in mm (depth x flange x thickness)	212 x 70 x 6.0mm
Tensile strength	540N/mm <sup>2</sup>
Tow hook (front & rear)	Equipped

## INSTRUMENTS

<b>Meters</b>	<b>Switches and controls</b>
Speedometer	Combination light
Engine tachometer	Directional indicators
Multi Information Display (MID)	Hazard
Fuel gauge	Combination wiper washer
Engine temperature gauge	Room and reading light
Odometer and trip meters	Exhaust brake
DPR gauge	Headlight levelling
Fuel consumption read out	4WD selector
Lights and buzzers	High/low range selector
Warnings	Horn
Faults	DPR regeneration

## GENUINE ACCESSORY OPTIONS

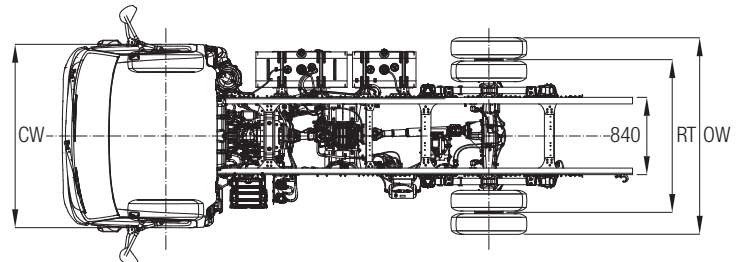
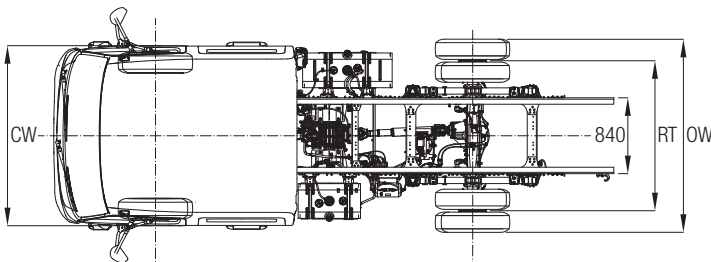
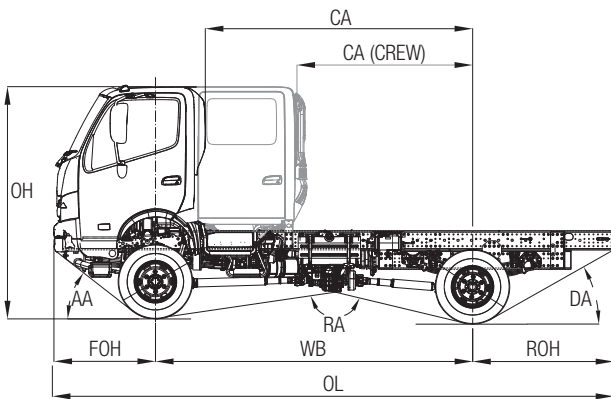
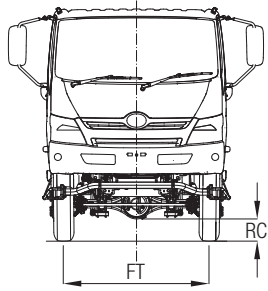
Bull bar (winch compatible)	LED driving lights
Chrome wheel covers	Stoneguard
Truck specific GPS nav with Live Traffic	Sunvisor
Additional cameras (Up to 3 extra)	Hino Traq telematics

Please check with your dealer for price, availability & fitment for these options

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## DIMENSIONS – MM/CAPACITIES



Models 300	817 4x4 single cab	817 4x4 crew cab
Variants	Medium	Medium
Model Code	XZC810R-HKFRTQ3	XZC810R-QKFRTQ3
Nominal Body Length ((WBx.6)+CA-80)	4,865	3,840
Wheelbase (WB)		3,500
Overall Length (OL)		6,205
Overall Width (OW)		2,130
Cab Width (CW)		1,995
Overall Height (OH)	2,550	2,565
Cab to Rear Axle Centre (CA)	2,845	1,820
Front Overhang (FOH)		1,135
Rear Overhang to back of tray (ROH)		1,570
Front Chassis Height (FCH)	945	940
Rear Chassis Height (RCH)		1,025
Road Clearance (RC)		205
Approach Angle (AA)		34°
Rampover Angle (RA)		159°
Departure Angle (DA)		30°
Front Track (FT)		1,610
Rear Track (RT)		1,660
Turning Circle(		
	Kerb to Kerb	14,600
	Wall to Wall	15,800
Locking Fuel Tank Capacity (Lts)		170
Indicative chassis mass – kg (standard tools, 10 litres of fuel, w/o spare tyre and subject to a +/- 3% tolerance)		
Total	3,160	3,405
Front	2,055	2,200
Rear	1,105	1,205
GVM STD		7,500
GVM Opt		4,495
GCM STD		11,000
GCM Opt		7,995

Drawings are for reference only to the table. For specific chassis layouts please refer to Body Mounting Manual drawings.

## WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 817 4x4	4 x 4	3 years or 100,000km	36 months

Battery warranty – 12 months from date of delivery

\* For conditions, refer to the Hino Parts & Service warranty brochure

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*



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