

# 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  
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** . . . . . 165hp/121kW  
**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)

A Toyota Group Company

 **HINO**  
A BETTER CLASS OF TRUCK



# 817 4x4 817 4x4 Crew

## Engine & Driveline specifications

### ENGINE

|                         |  |
|-------------------------|--|
| Engine model            | N04C UT                                      |
| Max output (ISO Net)    | 165hp/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    | 100                 |           |        |
| Gear Position                      | High Range          | Low Range |        |
| Gear Ratios of Transmission        | 1st                 | 6.369     | 14.165 |
| Combined with Transfer Case Ratios | 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 (TC)           | 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                            | 20.1 kgf/mm   |             |
|       | Axle Limit (including suspension) (kg) | 2,800   |             |
| REAR  | Tyre Limit (kg)                        | 2,900   |             |
|       | 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                           | 21.7 kgf/mm   | 67.2 kgf/mm |
|       | Number of Leaves                       | 6   | 6           |
|       | Axle Limit (including suspension) (kg) | 6,200   |             |
|       | Tyre Limit (kg)                        | 5,600   |             |

### 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° |



# 817 4x4 817 4x4 Crew

## Cab equipment, Chassis & Instrumentation

### 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                     |                        |

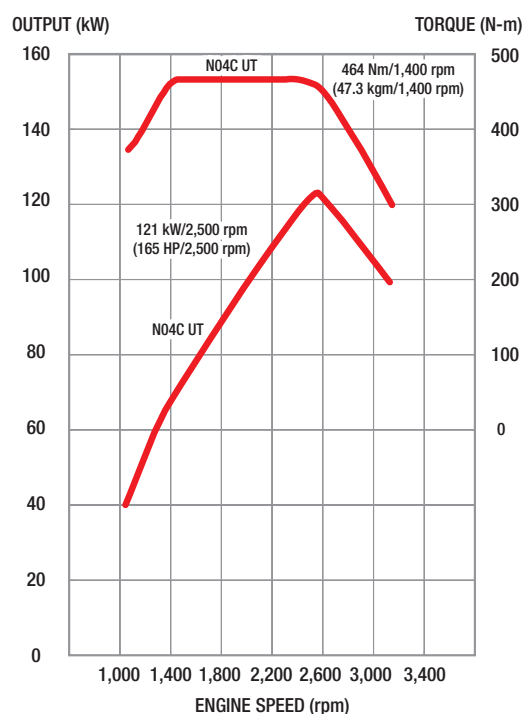
### CAB INTERIOR

|  | 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<br>Rear – fixed bench   |
| Seat belts                               | 3-point with ELR for driver and outer passenger, 2-point for centre position    | Front – 3-point with ELR for driver and outer passenger, 2-point for centre position<br>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<br>Heater and Defroster | Combination A/C and heater  | Combination A/C and heater<br>Additional rear A/C console<br>Additional rear heater and fan   |
| Remote door locking                      | Equipped  |   |
| Immobiliser                              | Equipped  |   |
| Cruise control                           | Equipped  |   |
| Audio/visual display                     | DAB+ AM/FM radio with CD and DVD player, Bluetooth and reverse camera display   |   |
| 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

| Meters                                 | Switches and controls    |
|--|--------------------------|
| Speedometer                            | Combination light        |
| Engine tachometer                      | Directional indicators   |
| <b>Multi Information Display (MID)</b> | 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         |
| GPS sat nav with off road tracks   | Sunvisor           |
| Rear vision camera (Up to 2 extra) |                    |

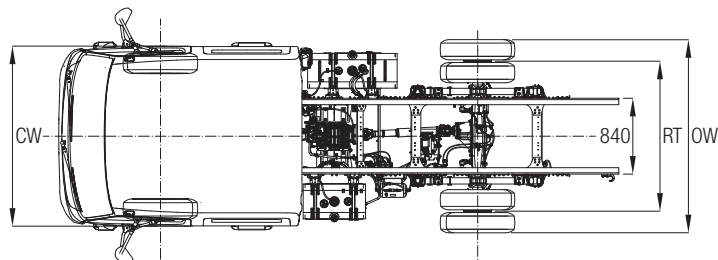
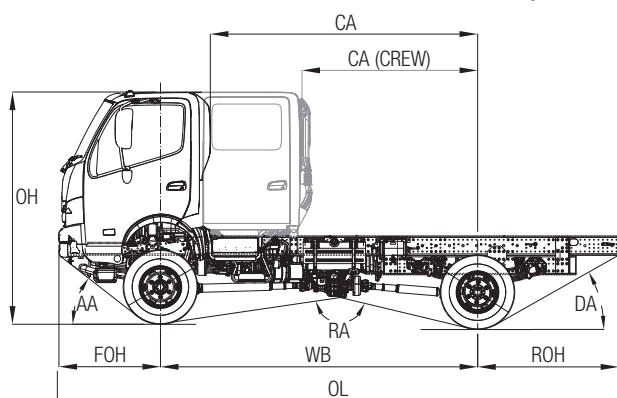
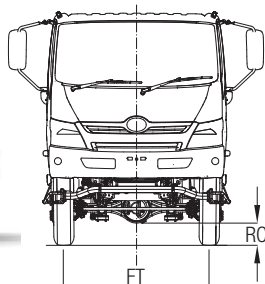
Please check with your dealer for price, availability & fitment for these options



# 817 4x4 817 4x4 Crew

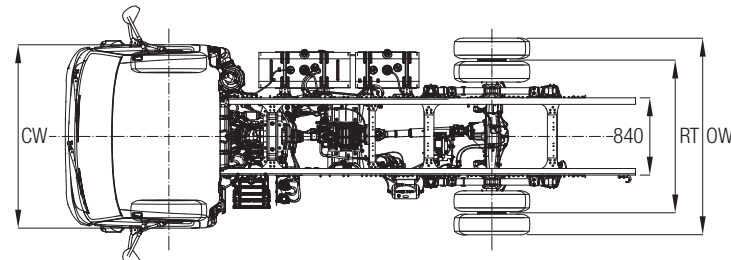
## 300 Series

### Dimensions



### 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<br>(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 \*



### DISCLAIMER

Important notice. Hino Trucks are distributed in Australia by Hino Motor Sales Australia Pty Ltd A.C.N. 064 989 724.

All efforts have been made to ensure the information contained in this brochure was correct at time of printing or uploading. Hino Motor Sales Australia Pty Ltd reserves the right to alter any details of the specifications & equipment without notice. Hino in so far as it is permitted by law to do so, shall not be liable in any way as a result of any reliance placed by any person on anything contained in this brochure. You should therefore check with your authorised Hino dealer at the time of ordering your motor vehicle to ensure that colour, specifications, equipment, design features & options are available for the vehicle you are ordering. Please note that some options may only be available in combination with others. Authorised Hino dealers will on request provide up to date information on all accessories, design features, prices & availability.

HS3008174x4-1017