

HINO

Crew Cab Range

3000 Series



* Illustration may contain items not standard to the model

ADR 80/03 Model
300 Series Crew Cab Range

KEY FEATURES

Crew Cab, 7 Seats, 3 Front, 4 Rear
Rear Passenger Air Conditioning
Cruise Control
Dual SRS Airbags
Ventilated Disc Brakes Front and Rear
Anti-lock Brake System (ABS)
Vehicle Stability Control (VSC)
Rear View Camera
Traction Control (TC)
Manual and Automatic Transmission variants
Easy Start (Manual Model Only)
ADR 80/03 Emission using Euro 5
Also meets EEV emission levels
Driver Suspension seat
ECE R-29 Cab Strength Certified

KEY SPECIFICATIONS

GVM Range	. . . . .	4495 to 8500kg
GCM Range	. . . . .	7300 to 12000kg
Power	. . . . .	.110 kW . . (Auto)
	. . . . .	.121 kW . . (Man)
Torque	. . . . .	.420 Nm . . (Auto)
	. . . . .	.464 Nm . . (Man)
Transmissions	. . . . .	.6 Speed . . (Auto)
	. . . . .	.6 Speed . . (Man)
Wheelbase	. . . . .	.3870mm, 4200mm
Nominal Max Body Length	. . . . .	.4542mm, 5070mm

A Toyota Group Company

 **HINO**
A BETTER CLASS OF TRUCK



Crew Cab Range

Engine & Driveline Specifications

ENGINE

Model	N04CUS	N04CUT
	Auto	Manual
Max output ISO Net @ 2500 rpm	110 kW (150HP)	121 kW (165HP)
Max Output ISO Net @ 1400rpm	420 Nm	464 Nm
Max Engine Speed	3100 rpm	
Type	Diesel 4 cycle 4 cylinder in line overhead valve, water cooled	
Combustion System	Direct injection type	
Bore & Stroke	104 mm x 118 mm	
Piston displacement	4.009 Lts	
Fuel Injection	Electronic control, common rail type	
Air Intake system	Turbo, intercooled stack type intake	
Air Cleaner	Paper Element	
Fan Clutch	Equipped	
Exhaust	Catalytic convertor with Diesel Particulate active Reduction System (DPR)	
Exhaust Outlet	Horizontal	
Emission Control System	EGR & DPR meeting ADR 80/03 using Euro 5. Also meeting EEV emission levels	

CLUTCH (Manual models only)

Clutch type	Dry single plate, diaphragm type with damper springs
Facing outside diameter	325mm
Facing lining area	483cm ² x 2
Control	Hydraulic with vacuum booster

TRANSMISSION

Auto	A860E Full automatic 6 speed with double overdrive
Manual	MZZ6F 6 speed synchromesh with single overdrive

BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Anti Lock Braking System	Equipped
Vehicle Stability Control (VSC)	Equipped
Traction Control (TRC)	Equipped
Easy Start System (ES)	Equipped (manual models only)
Exhaust Brake	Electro Vacuum actuator with valve in the exhaust pipe
Park Brake	Rear of Transmission

PERFORMANCE & GEAR RATIOS

Models	616 Auto	617	716 Auto	717	816 Auto	917
Engine RPM @ 100 km/h	2170	2380	2300	2400	2300	2600
Maximum speed (km/h)	143	130	135	129	135	119
Gradeability Tan % @ GVM	60	60	60	55.7	60	43.7
Final Drive Ratio	4.625	4.1	5.125	4.333	5.125	4.875

A860E Automatic transmission

1st	3.743	4th	1.000
2nd	2.003	5th	0.773
3rd	1.343	6th	0.634
		Rev.	3.697

MZZ6F Manual transmission

1st	6.369	4th	1.355
2nd	3.767	5th	1.000
3rd	1.966	6th	0.782
		Rev.	6.369

AXLE, SUSPENSION & LOAD LIMITS

Models	616 & 617	716 & 717	816	917		
FRONT	Axle Type	I Beam				
	Suspension	Taper leaf spring with shock absorber and stabiliser				
	Spring Dimensions, L & W (mm)	1250x70				
	Number of Leafs	3				
	Spring Rate (kgf/mm)	13.3	14.8	17.3		
	Axle Capacity kg	2600	3100			
	Tyre Capacity kg	2360	2800	3100		
	Axle Type	Fully Floating, single reduction, single speed by Hypoid gears				
	Axle Model	SH12			SH13	
	Suspension	Main & Aux Taper leaf with shock absorber and stabiliser				
REAR	Spring Dimensions, L & W (mm)					
		Main	1300 x 70	1310 x 70		
		Auxiliary	900 x 70	900 x 70		
	Number of Leafs					
		Main	2	3	3	3
		Auxiliary	2	2	3	4
	Spring Rate (kgf/mm)					
		Main	19	19	19	23.1
		Combined	60	81	95.2	115.1
	Axle Capacity kg	4400	5100	5500	6200	
Tyre Capacity kg	4400	5280	5280	6000		

WHEELS & TYRES

Models	616 Auto & 617	716 Auto & 717	816 Auto	917
Wheel Type	5-Stud SAE	6-Stud SAE		
Wheel & Rim Size	195/85R16	215/85R16	225/80R17.5	
Number of Tyres	Seven			
Spare Tyre Carrier	Equipped			

ELECTRICAL

Type	24 volt, negative earth
Batteries	12V x 2, series connected
Alternator type	Built-in rectifier and voltage regulator
Capacity	24V – 80AMP
Starter capacity	24V, 4.5kW



Crew Cab Range

Cab Equipment, Power Charts & Instrumentation

CHASSIS FRAME DIMENSIONS

Models	616 Auto	617	716 Auto & 717	816	917
Type	Ladder-shaped channel section side rails				
Chassis width (at rear)	750mm				
Max Section in mm (depth x flange x thickness)	190.8 x 65 x 4.9		192.8 x 65 x 5.9		
Tensile Strength	540 N/mm ²				

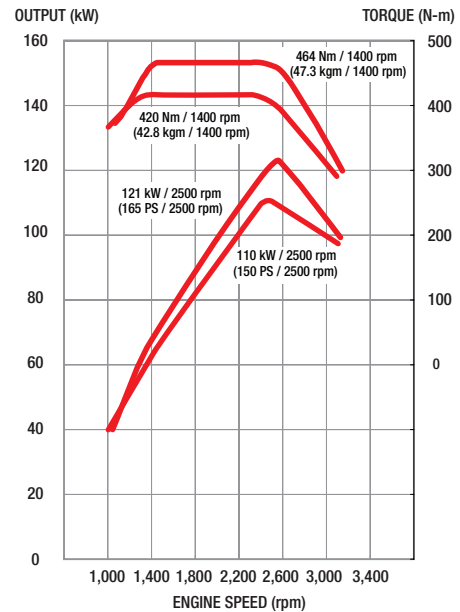
CAB EXTERIOR

Type	Forward control, all steel welded construction, fully trimmed
Windscreen wipers	Electric, dual wipers, intermittent and 2-speed
Outside rear mirrors	Remote control and heated & two convex spotters
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps and fog lamps

CAB INTERIOR

Windscreen glass	Laminated glass
Seating capacity	Seven
Driver's seat (Wide Cab)	4-way adjustable, urethane pads, high-back, lumbar support with suspension base
Assistant's seat	Fixed bench, urethane foam pads, high-back
Seat cover	Fabric cover
Seat belts	
Driver's seat	3-point type with ELR and pre-tensioner
Assistant's seat	3-point type with ELR and pre-tensioner
Centre passenger's seat	2-point type
Rear seat	Outer 3-point type Inner 2-point type
Sun visors	For driver and passenger
Ventilator	Forced type by electric blower
Inside rear mirror	One, flat type
Cigarette lighter (24 volt)	Equipped
Audio Visual Unit	DAB+ AM/FM radio with CD & DVD player & Bluetooth & Rear View Camera
Heater and defroster	Dual zone
Air conditioner	Dual zone
Remote door locking	Equipped
Immobiliser	Equipped
Power windows	Equipped
SRS airbags	Equipped for driver and assistant
Drivers foot rest	Equipped (Auto models only)
Overhead consoles	For driver and assistant
Cup holder	Equipped
Cruise control	Equipped

COMBINED POWER & TORQUE CHART (ISO Net) N04C UT & N04C US



INSTRUMENTS

1. Meters and gauges

km-kg system
Engine tachometer
Speedometer

2. Warning, pilot lamps and buzzers

Turning signal & hazard indicator lamp
Exhaust brake indicator lamp
Engine oil pressure warning lamp
Battery charge warning lamp
High beam indicator lamp
Parking brake indicator lamp
Engine malfunction indicator lamp
Fuel level warning lamp
Fuel filter water accumulating level warning lamp
Brake fluid level warning lamp
Back-up warning buzzer
ABS system failure warning lamp
SRS airbag system failure warning lamp
Easy Start indicator lamp*
Cruise Control

3. Switches

Lighting switch
Wiper and washer switch
Exhaust brake switch
Easy Start switch*
Easy Start release timing adjuster switch*
Cruise Control
Traction Control OFF

4. Multi Information Display

Fuel gauge
Coolant temperature gauge
DPR accumulation gauge
Odometer
2 trip meters
Fuel consumption
- Current
- Average

5. Others

One-key starting-stopping
Horn button
Remote door locking

* Easy start components are for Manual models only

STEERING

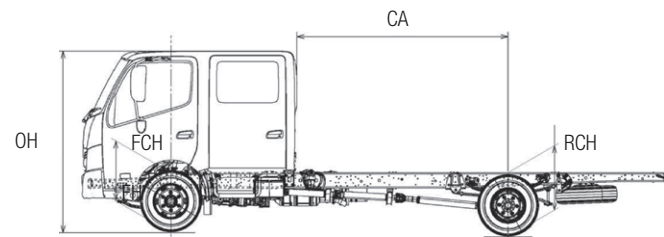
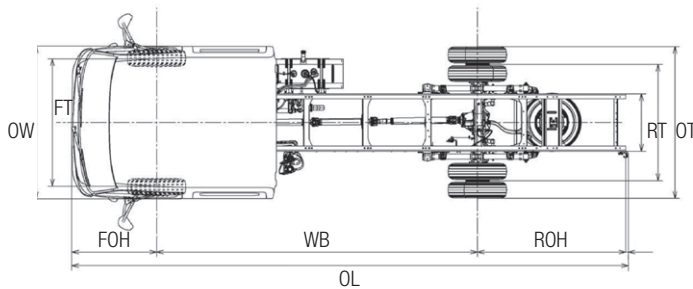
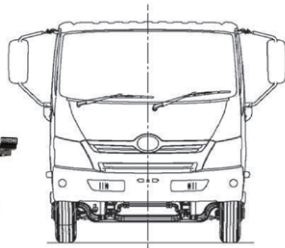
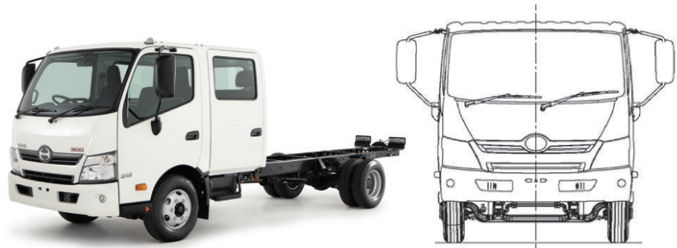
Type Telescopic & Tilt steering column with Recirculating Ball Integral Power Steering



Crew Cab Range

300 Series

Dimensions



Drawing is a 4200mm wheelbase.

DIMENSIONS - mm / Capacities

Models 300 Series Crew	616 Auto	617	716 Auto	717	816 Auto	917
Model Code	XZU720R-QKTMSQ3	XZU720R-QKFMTQ3	XZU720R-QKTQSQ3	XZU730-QKFQTQ3	XZU730R-QKTRSQ3	XZU730R-QKFITQ3
Nominal Body Length (WBx.6)+CA-80)	4540			5070		
Wheelbase (WB)	3870			4200		
Overall Length (OL)	6735	6740		7285		
*Overall Width (OW)	1995					
Overall Tyre Width (OT)	1900	1980	1975		2060	
Overall Height (OH)	2205	2220	2230	2240	2255	
Cab to Rear Axle Centre (CA)	2300			2630		
Front Overhang (FOH)	1110					
Rear Overhang (ROH)	1760	1755	1940			
Front Chassis Height (FCH)	675	700		705	720	
Rear Chassis Height (RCH)	750	755	765	795	815	
Road Clearance	165		190		200	
Front Track (FT)	1665					
Rear Track (RT)	1480	1520		1590		
Turning Circle	Kerb to Kerb	13000	12800	13800	14800	
	Wall to Wall	14400	14200	15200	16200	
Locking Fuel Tank Capacity (Lts)	100					
Indicative chassis mass – kg (standard tools, 10 litres of fuel and spare tyre)						
Total	2510	2490	2675	2600	2625	2675
Front	1740	1730	1810	1770		
Rear	770	760	865	830	855	905
GVM STD	4495		6500		7300	7995
GVM Opt	5500		4495		8500	
GCM STD	7300	7995	7300	10000	7300	11500
GCM Opt	7300	9000	7300	7995	7300	12000

Approximate mass includes standard tools, 10 litres of fuel, spare tyre and subject to a ± 3% tolerance
*Overall width is the greater of cab or rear tyre width

WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 SERIES Crew Cab Range	4 x 2	3 years or 100,000km	36 months

Battery warranty – 12 months from date of delivery

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

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



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