

HINO

3000 Series

816 Auto



* Illustration may contain items not standard to the model

New ADR 80/03 Model Wide Cab 4 x 2 Cab Chassis

KEY FEATURES

Cruise Control
Dual SRS Airbags
Ventilated Disc Brakes Front & Rear
Anti-lock Brake System (ABS)
Vehicle Stability Control (VSC)
Reverse Camera
Traction Control (TRC)
Energy Absorbing Steering Wheel
ADR 80/03 Emission using Euro 5
Also meet EEV emission levels
Driver's suspension seat
ECE R-29 Cab Strength Certified

KEY SPECIFICATIONS

GVM 7300kg, optional 4495kg
GCM 7300kg
Engine 4.0-litre, Common Rail, Direct Injection,
Turbocharged and Intercooled
Power 110kW (150 hp)
Torque 420Nm
Wheelbase 3430mm, 3870mm
Nominal Body length 4840mm, 5550mm



816 Auto

Engine & Driveline specifications

ENGINE

Engine	Hino N04C US
Max output (ISO Net)	110kW (150 hp) @ 2500 RPM
Max torque (ISO Net)	420Nm @ 1400 RPM
Maximum engine speed	3100 RPM
Type	Diesel, four-cylinder, OHV, fluid cooled
Combustion system	Direct injection type
Bore & stroke	104 x 118mm
Piston displacement	4.009 litres
Fuel injection system	Electronic control, common rail type
Air intake system	Turbo-intercooled, front air intake
Air cleaner	Paper element
Fan clutch	Equipped
Exhaust system	Catalytic Converter with Diesel Particulate Active Reduction System (DPR)
Exhaust	Horizontal outlet
Emission control system	EGR & DPR meeting ADR 80/03 using Euro 5 Also meets EEV emission levels

TRANSMISSION

Auto	A860E
Type	Automatic six speed with double overdrive

BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Front disc diameter	287mm
Rear disc diameter	287mm
Anti-lock system (ABS)	Equipped
Vehicle Stability Control (VSC)	Equipped
Traction Control (TRC)	Equipped
Exhaust Brake	Electric-vacuum actuator with valve in exhaust pipe
Park Brake	Rear of transmission

PERFORMANCE & GEAR RATIOS

Engine RPM @ 100km/h		2300
Maximum speed (km/h)		135
Gradeability tan θ % @ GVM		60.0
Final drive ratio		5.125:1
A860E	1st	3.743
	2nd	2.003
	3rd	1.343
	4th	1.000
	5th	0.773
	6th	0.634
	Rev.	3.697
Torque convertor ratio		1.95:1

AXLE, SUSPENSION & LOAD LIMITS

FRONT	Front Axle Model & Type	Reverse Elliot I-Beam	
	Suspension	Tapered leaf springs with shock absorbers & stabiliser	
	Spring Dimensions	1250 x 70mm	
	Number of Leafs	2	
	Spring Rate	17.3kgf/mm	
	Axle Limit (including suspension)	3100kg	
REAR	Tyre Limit	2800kg	
	Rear Axle Model & Type	SH12, fully floating, single reduction, single speed by Hypoid gears	
	Suspension	Main & Aux taper leaf with shock absorber & stabiliser	
	Spring Dimensions	Main	Auxiliary
		1310 x 70mm	900 x 70mm
	Spring Rates	19kgf/mm	95.2kgf/mm
	Number of Leafs	3	3
	Axle Limit (including suspension)	5500kg	
	Tyre Limit	5280kg	

WHEEL & TYRES

Wheel type	6-stud disc wheel
Wheel & rim size	215/85R16 120/118 16x5.5
Number of tyres	Seven including spare
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 – 80 Amp
Starter capacity	24V, 4.5kW



816 Auto

Cab equipment & Instrumentation

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Chassis width at rear	750mm
Max. section (depth x flange x thickness)	192.8 x 65 x 5.9mm
Tensile strength	540N/mm ²
Towing hooks	Equipped at front and rear
Front bumper	Painted to cabin colour

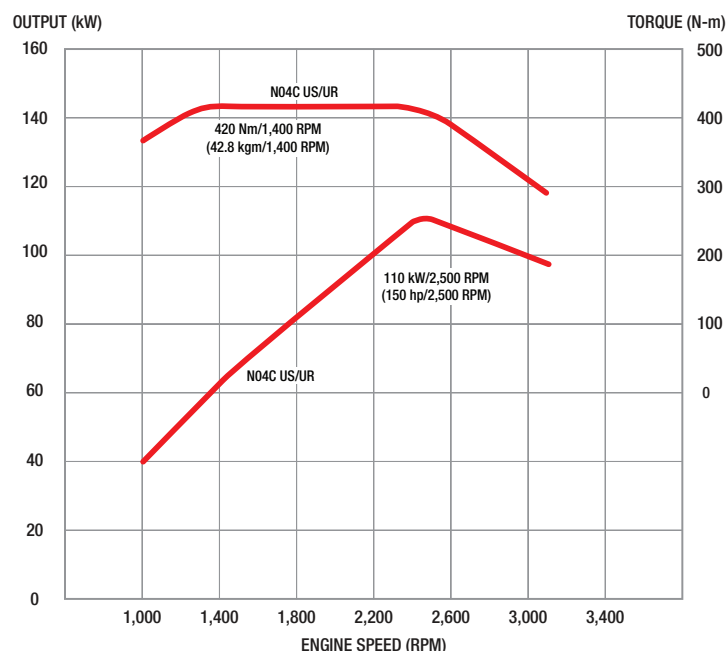
CAB EXTERIOR

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

CAB INTERIOR

Steering		Telescopic tilt column with integral power steering
Windscreen glass		Laminated glass
Seating capacity		Three
Driver's seat		4-way adjustable, urethane foam pads, high-back seat, lumbar support & suspension base
Assistant's seat		Fixed bench, urethane foam pads, high-back seat
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
Sun visors		For driver and passenger
Ventilator		Forced type by electric blower
Inside rear mirror		One, flat type
Cigarette lighter (24 volt)		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
Heater and defroster		Equipped
Air conditioner		Equipped
Remote door locking		Equipped
Immobiliser		Equipped
Power windows		Equipped
SRS airbag		Equipped for driver & left side passenger
Drivers foot rest		Equipped (Auto models only)
Seat back console		Equipped (centre)
Overhead consoles		For driver and assistant
Cup holder		Equipped
Cruise control		Equipped

POWER & TORQUE CHART (ISO NET) N04C US



INSTRUMENTS

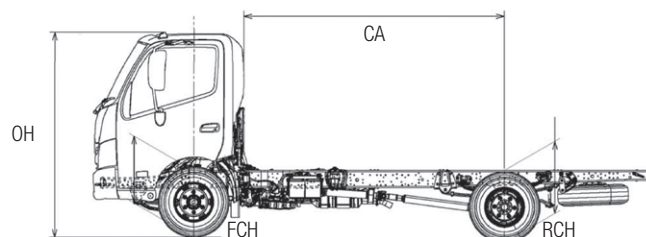
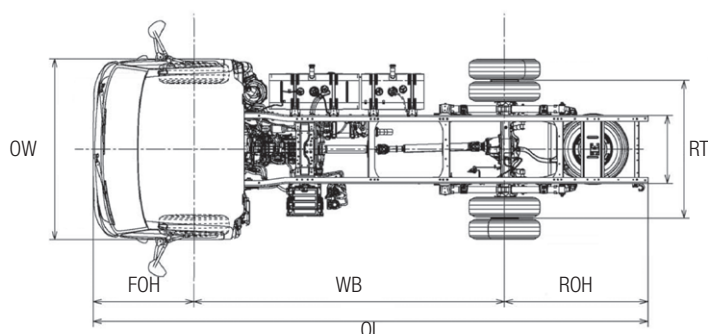
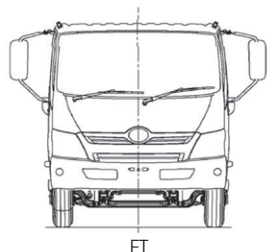
Meters and gauges	Switches
km-kg system	Lighting
Engine tachometer	Wiper and washer
Warning, pilot lamps and buzzers	Exhaust brake
Turning signal & hazard indicator lamp	Cruise Control
Exhaust brake indicator lamp	Traction Control OFF
Engine oil pressure warning lamp	Multi Information Display
Battery charge warning lamp	Fuel gauge
High beam indicator lamp	Coolant temperature gauge
Parking brake indicator lamp	DPR accumulation gauge
Engine malfunction indicator lamp	Odometer
Fuel level warning lamp	2 trip meters
Fuel filter water accumulating level warning lamp	Fuel consumption
Brake fluid level warning lamp	– Current
Back-up warning buzzer	– Average
Cab-tilt warning lamp	Others
ABS system failure warning lamp	Horn button
SRS airbag system failure warning lamp	Remote door locking
Cruise Control	

STEERING

Type	Telescopic and tilt steering column with locking device. Recirculating ball with integral power steering	
Steering angle	Inside: 50°	Outside: 36°



816 Auto Dimensions



300 Series

DIMENSIONS – MM / CAPACITIES

Model 300 Series 816 Auto	Medium	Long
Model code	XZU710R-HKTRSQ3	XZU720R-HKTRSQ3
Nominal Max Body length ((WB x .6) + CA – 80)	4840	5550
Wheelbase (WB)	3430	3870
Overall length (OL)	6185	6735
Overall width (OW)	1995	1995
Overall height (OH)	2230	2230
Cab to rear axle centre (CA)	2870	3310
Front overhang (FOH)	1110	1110
Rear overhang (ROH)	1645	1750
Front chassis height (FCH)	710	710
Rear chassis height (RCH)	795	795
Road clearance	190	190
Front track (FT)	1665	1665
Rear track (RT)	1520	1520
Turning circle – kerb to kerb	11,600	12,800
Turning circle – wall to wall	13,000	14,200
Locking Fuel Tank capacity (Lts)	170	170
Indicative chassis mass – kg (standard tools, 10 litres of fuel, spare tyre and subject to $\pm 3\%$ variance)		
Total	2400	2455
Front	1630	1630
Rear	770	825
GVM STD	7300	7300
GVM Opt	4495	4495
GCM STD	7300	7300

GENUINE ACCESSORY OPTIONS

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

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

WARRANTY

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty (whichever comes first)	Cab corrosion perforation
300 816 Auto	4 x 2	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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