



300

816



Image may differ from NZ model.

KEY FEATURES

- Wide Cabin
- SRS Airbag
- ABS Brakes with Electronic Brakeforce Distribution
- Ventilated Disc Brakes
- Corner Turning Lamps
- Energy Absorbing Steering Wheel

KEY SPECIFICATIONS

- GVM** 7300kg (Auto), Optional 5595kg
- GCM** 7300kg (Auto)
- Engine** . . . 4.0-litre, Common Rail, Direct Injection,
Turbocharged and Intercooled
- Power** 110kW (155Hp) @ 2700rpm (ISO)
- Torque** 397Nm @ 1800rpm (ISO)
- Wheelbases** 3430mm





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XZU417R-HKTRDQ3 816 Medium Auto

Engine, Driveline & Chassis specifications

ENGINE

Engine	Hino N04C TV
Max output (ISO Net)	110kW (155Hp) at 2700rpm
Max torque (ISO Net)	397Nm at 1800rpm
Maximum engine speed	3200rpm
Type	Diesel, four cycle, four-cylinder in line, overhead valve, water cooled
Combustion system	Direct injection type
Bore & stroke	104mm x 118mm
Piston displacement	4.009 litres
Fuel injection system	Electronic control, common rail type
Air intake system	Turbo-intercooled, stack-type air intake
Air cleaner	Paper element
Fan clutch	Equipped
Catalytic converter	Equipped
Exhaust outlet	Horizontal

TRANSMISSION

Model Auto	A860E
Type	Six-speed electronically controlled overdrive automatic with torque converter lock-up on 2nd, 3rd, 4th, 5th and 6th gears
Hill Descent Control	Equipped (L3)

CLUTCH

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

BRAKES

Service brakes	Hydraulic system with ventilated disc brakes front and rear
Control	Vacuum servo with hydraulic assist & dual circuits
Front disc diameter	296mm
Rear disc diameter	281mm
Anti-lock system (ABS)	Equipped
Electronic Brakeforce Distribution (EBD)	Equipped
Exhaust brake	Electric-vacuum actuator with valve in exhaust pipe

PERFORMANCE & GEAR RATIOS

Maximum speed (km/h)	122
Gradeability tan θ %	60.0

A860E

1st	.3.742	5th	.0.773
2nd	.2.003	6th	.0.634
3rd	.1.343	Rev.	.3.697
4th	.1.000		

Final drive ratio (Auto)	5.883:1
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AXLE LOAD & TYRE LOAD LIMITS

Front axle	3100kg
Tyres	2800kg (215/85R16 Tyres)
Rear axle	5500kg
Tyres	5280kg (215/85R16 Tyres)
Front axle type	Reversed Elliot, "I" section beam
Rear axle type	Full-floating, single reduction, single speed by Hypoid gears

SUSPENSION

Front suspension	Semi-elliptic tapered leaf springs with silencers, shock absorbers and stabiliser bar
Spring dimensions, span & width	1250mm x 70mm
Rear suspension	Semi-elliptic main and auxiliary tapered leaf springs with silencers and shock absorbers
Spring dimensions, span & width	1300mm x 70mm
Auxiliary springs	900mm x 70mm

WHEEL & TYRES

Wheel type	6-stud disc wheel
Wheel & rim size	215/85R16 120/118 & 16x5.5K- 122mm
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 – 60-A
Starter capacity	24V, 4.5kW



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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

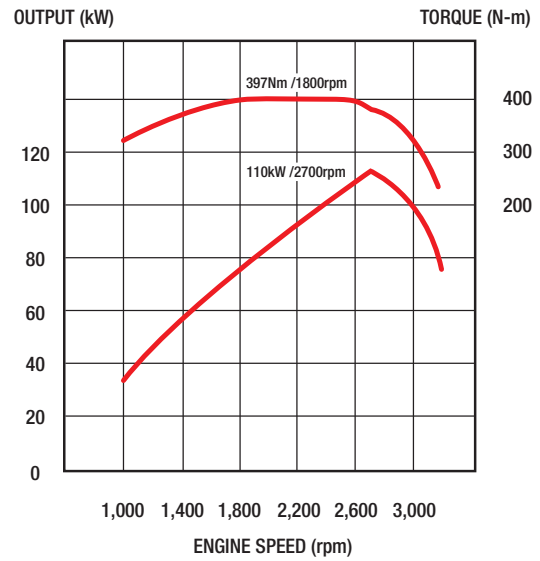
CAB EXTERIOR

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	Two, pillar mounted curved
Radiator grille	Painted same colour as cabin
Lamps	Halogen headlamps, cornering lamps

CAB INTERIOR

Steering	Telescopic tilt column with integral power steering
Windscreen glass	Laminated glass
Seating capacity	Three
Driver's seat	2-way adjustable, urethane foam pads, high-back seat
Assistant's seat	Fixed, 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
Audio	AM/FM radio with CD player
Heater and defroster	Equipped
Air conditioner	Equipped
Auto door lock	Equipped
Power windows	Equipped
SRS airbags	Equipped for driver
Seat back console	Equipped (centre)
Overhead consoles.	For driver and assistant
Cup holders	Equipped

POWER & TORQUE CHART (ISO Net)



INSTRUMENTS

1. Meter and gauges

- km-kg system
- Speedometer with odometer and 2 trip meters
- Fuel gauge
- Coolant temperature gauge
- Engine tachometer

2. Warning, pilot lamps and buzzers

- Turning signal & hazard indicator lamp
- Exhaust brake indicator lamp
- Engine oil pressure warning lamp
- Battery charge warning lamp
- 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
- Cab-tilt warning lamp
- ABS system failure warning lamp
- SRS airbag system failure warning lamp
- Transmission fluid temp warning – in Auto
- Easy Start indicator lamp

3. Switches

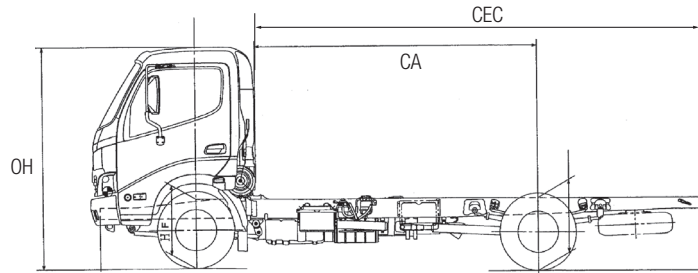
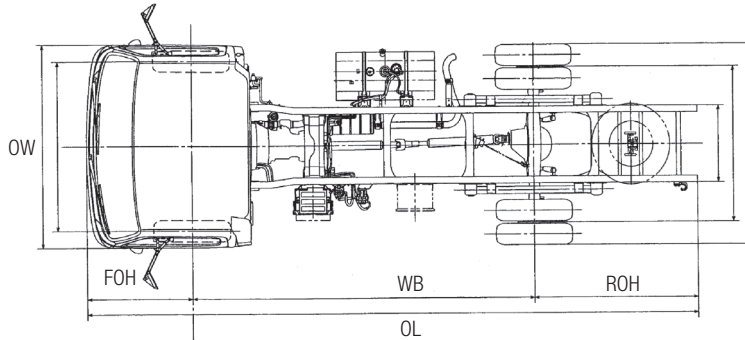
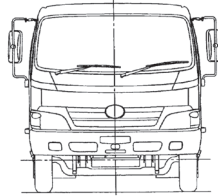
- Lighting switch
- Directional indicator, dimmer, passing switch
- Room lamp switch
- Hazard lamp switch
- Wiper and washer switch
- Exhaust brake switch

4. Others

- One-key starting-stopping
- Horn button
- Remote keyless entry



816 Dimensions



DIMENSIONS - mm / Capacities

Product code	XZU417R-HKTRDQ3
Model	Auto
Wheelbase (WB) . . . . .	.3430
Overall length (OL) . . . . .	.6120
Overall width (OW) . . . . .	.1995
Overall height (OH) . . . . .	.2215
Cab to axle centre (CA) . . . . .	.2840
Front overhang (FOH) . . . . .	.1045
Rear overhang (ROH) . . . . .	.1645
Back of Cab to End of Chassis (CEC) . . . . .	.4485
Front chassis height . . . . .	.705
Rear chassis height . . . . .	.800
Road clearance . . . . .	.210
Turning circle - m (kerb-to-kerb) . . . . .	.11.4
Turning circle - m (wall-to-wall) . . . . .	.12.8
Fuel tank capacity – lt . . . . .	.100
Chassis mass – kg (minimal fuel, without spare tyre or tools)	
Total . . . . .	.2395
Front . . . . .	.1585
Rear . . . . .	.810
GVM . . . . .	.7300
GCM . . . . .	.7300

WARRANTIES

New vehicle warranty period

Light Duty Model	Axle configuration	Standard warranty <small>(whichever comes first)</small>	Cab corrosion perforation
300 816	4 x 2	3 years or 100,00km	36 months

Battery warranty is 12 months from date of delivery.

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