HINO 300 Series

# 616 Wide Cab

*Image may contain items not standard to the model

**4 x 2 Cab Chassis**

## KEY FEATURES

Pre-Collision System (PCS) including AEB & PD

Vehicle Stability Control (VSC)

Lane Departure Warning System (LDWS)

Daytime Running Lamps (DRL)

Dual SRS Airbags

Reverse Camera

ECE R-29 Cab Strength Certified

Cruise Control**

ADR 80/04 Emission level using Euro 6 Standard

## KEY SPECIFICATIONS

| | |
|---|---|
| **Model** | 616 |
| **GVM** | 4,499kg<br>optional 5,500kg |
| **GCM** | GVM + 3,500kg |
| **Power** | 150hp/110kW |
| **Torque** | 440Nm |
| **Transmissions** | 6 spd Automatic |
| **Wheelbases** | 2.8m, 3.4m, 3.9m |
| **Max Nominal Body Length** | 3.9m, 4.8m, 5.6m |

HINO

## ENGINE

| | |
|---|---|
| Model | 616 Automatic |
| Engine model | Hino N04C-WN |
| Max. output (ISO Net) @ 2,700rpm | 150hp/110kW |
| Max. torque (ISO Net) @ 1,300-2,200rpm | 440Nm |
| Max. engine RPM | 3,000 |
| Engine compliance | ADR 80/04 using Euro 6 Standard |
| Type | Diesel, turbo & intercooled, 4 cylinder, OHV |
| Combustion system | Direct injection with EGR |
| Bore & stroke | 104 x 118 mm |
| Piston displacement | 4.009L |
| Fuel injection system | Electric control common rail |
| Air cleaner & intake | Behind cab mounting snorkel & dry paper element |
| Exhaust system | Horizontal outlet RHS |
| Emission control systems | DPR, DOC & SCR after treatments |
| Engine immobiliser | Equipped |

## TRANSMISSION & GEAR RATIOS

| | | |
|---|---|---|
| Make, model & Description | AUTOMATIC | |
| | Hino A862E 6 speed with double overdrive | |
| GEAR RATIOS | 1 | 3.742 |
| | 2 | 2.003 |
| | 3 | 1.343 |
| | 4 | 1.000 |
| | 5 | 0.773 |
| | 6 | 0.634 |
| | Reverse | 3.539 |
| Torque Convertor & Ratio | 1.951 | |

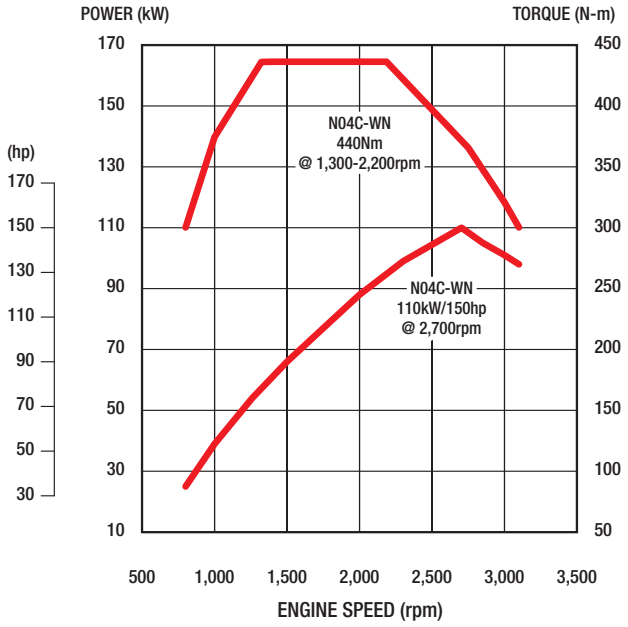
## PERFORMANCE

| | |
|---|---|
| Calculations based on 5.5T GVM with 195/85R16 tyres | |
| Engine RPM @ 100 km/h | 2,165 |
| Max theoretical speed km/h | 135 |
| Gradeability tan @ GVM | 60% |
| Rear axle ratio | 4.625 |

## BRAKES

| | |
|---|---|
| Type | Ventilated disc front & rear |
| Control | Dual circuit VOH with power brake assist |
| Disc diameter | Front 296mm & Rear 281mm |
| Exhaust Brake | Equipped |
| Park brake | Drum acting on transmission output shaft |

## POWER & TORQUE CHART (ISO NET) N04C-WN




## SAFETY FEATURES

| | | | |
|---|---|---|---|
| **Active Safety Features** | | | |
| Vehicle Stability Control | VSC | Equipped | |
| Anti-lock Brakes System | ABS | Equipped | |
| Pre-Collision System | PCS | Equipped | |
| PCS is inclusive of | Autonomous Emergency Braking | | AEB |
| | Pedestrian Detection | | PD |
| | Lane Departure Warning System | | LDWS |
| Traction Control | TC | Equipped | |
| Reverse Camera | RC | Equipped | |
| Daytime Running Lamps | DRL | Equipped | |
| Reverse Buzzer | Equipped | | |

| | |
|---|---|
| **Passive Safety Features** | |
| ECE-R29 Cab Strength Certification | Equipped |
| SRS airbags for driver & side passenger | Equipped |
| SRS seatbelt pretensioner for driver & side passenger | Equipped |
| Shock absorbing & collapsible steering column | Equipped |
| Door Beams (anti side intrusion) | Equipped |

## AXLE, SUSPENSION & LOAD LIMITS

| | | |
|---|---|---|
| FRONT | Front Axle Type | Reverse Elliot I-beam |
| | Suspension | Taper Leaf sprg, shock absorbers & Stabiliser bar |
| | Axle Limit (incl. suspension) | 2,600kg |
| | Tyre limit | 2,360kg |
| REAR | Rear Axle Model & Type | SH12 fully floating single reduction |
| | Suspension | Taper Leaf sprg, shock absorbers & Stabiliser bar |
| | Axle Limit (incl suspension) | 4,400kg |
| | Tyre Limit | 4,400kg |

## CHASSIS FRAME

| | | |
|---|---|---|
| Type | Ladder-shaped channel section side rails | |
| Chassis frame wheelbase variants | 2810 & 3430 | 3870 |
| Depth Flange Thickness in mm | 190.8 x 65 x 4.9 | 192.8 x 65 x 5.9 |
| Chassis width (at rear) | 750mm | |
| Tensile Strength | 540 N/mm² | |
| Tow Hook | Equipped | |

## WHEELS & TYRES

| | |
|---|---|
| Wheel type | 5-Stud disc wheel (JIS type) PCD 203.2mm |
| Rim size | 16" x 5.5" Offset 113mm |
| Tyre size | 195/85R16 114/112 |
| Number of wheels and tyres | Seven (7) including spare |
| Spare tyre carrier | Equipped |

## FUEL TANK & SUPPLY

| | | |
|---|---|---|
| Wheelbase variants | 2810 | 3430 & 3870 |
| Material | Steel | |
| Tank Capacity | 80L | 150L |
| Lockable fuel cap | Equipped | |
| Fuel Filter | Primary, secondary & sedimenter | |
| Adblue® Tank (L) | 13 | |

## ELECTRICAL

| | |
|---|---|
| Type | 24 volt negative earth system |
| Batteries | 12 volt x 60 AH 55D23L x 2 |
| Alternator capacity | 80 amp |
| Starter type | 24V–4.5kW |
| Headlamps and Foglamps | LED |
| Daytime Running Lamps (DRL's) | LED |
| Electric horn | Equipped |
| Reverse Buzzer | Equipped |

## STEERING

| | | |
|---|---|---|
| Type | Telescopic and Tilt adjustable steering column, recirculating ball integral power steering | |
| Steering Angle | Inside 51° | Outside 36° |

## GENUINE ACCESSORY OPTIONS

| | |
|---|---|
| Bullbar | GPS navigation with live traffic truck spec |
| Chrome wheel covers | Seat covers (Wool, Canvas, Carbon) |
| Cameras (up to additional 5 extra) | Stone guard |
| Dash mat | Sunvisor |
| Dash Camera (DVR camera system) | Weathershields |
| Floor mats | |

Please check with your dealer for availability, price & fitment

## CAB EXTERIOR

| | |
|---|---|
| Type | Forward control, all steel, welded construction, torsion-bar tilt mechanism, fully trimmed |
| Windscreen wipers washers | Dual wiper arms with intermittent & 2 speeds |
| Grille Colour | Painted same colour as the cab |
| Outside rearview mirrors | 2 Flat type main, heated & electric control |
| | 2 convex spotter type, mounted below the main |
| Windscreen Glass | Heat absorbing laminated glass |

## CAB INTERIOR

| | | |
|---|---|---|
| Seating Capacity | | Three (3) |
| Driver's seat | | 2-way adjustable, urethane foam pads with suspension |
| Assistant's Seat | | Fixed bench, split back, urethane foam pads |
| Seat Covering | | Fabric cover |
| Seat belts | Driver's seat | 3-point Lap/Sash type with ELR and pre-tensioner |
| | Assistant's seat | |
| | Centre seat | 2-point Lap type |
| SRS airbags | | Driver & side passenger |
| Sun visor & overhead consoles | | Driver & side passenger |
| Inside rearview mirror | | Single centre mounted flat type |
| Lighter/24 volt socket | | Equipped |
| Multimedia unit | | 10.1" UXGA capacity touch screen, wireless Apple CarPlay and Android auto compatible, AM/FM+RDS/DAB + radio, Bluetooth 5.0 phone and audio, input for up to 6 cameras, USB 2.0 and 3.0, 2.4 Ghz Wi-Fi enabled |
| Heater & Air conditioner | | Equipped with 4 speed fan |
| Central & remote door locking | | Equipped with Immobiliser |
| Power windows | | Equipped |
| Drivers footrest | | Equipped for Auto models |
| Driver's seat back pocket | | Equipped |
| Centre fold down tray | | Equipped |
| Cup holders | | Sides of dash & centre console |
| Tool kit & Jack | | Equipped |
| 1 courtesy & 2 LED reading lights | | Equipped |

## INSTRUMENTATION & CONTROLS

| |
|---|
| **Meters & Gauges** |
| Speedometer |
| Tachometer |
| **LCD Display** |
| Clock |
| Battery warning |
| Coolant |
| Fuel |
| ODO meter |
| **Steering wheel & Column controls** |
| MID setting |
| Cruise control settings |
| Hands free phone |
| Lights & Indicator |
| Exhaust brake & wiper washer |

| |
|---|
| **Multi Information Display (MID)** |
| Safety feature settings |
| General information settings |
| Eco driving |
| DPR filter gauge |
| Cruise control settings |
| **Dash mounted switches** |
| Heater & A/C controls |
| LDWS off |
| PCS off |
| VSC off |
| Headlight leveller |
| Hazard lights |
| DPR manual regeneration |

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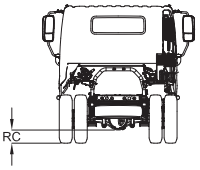


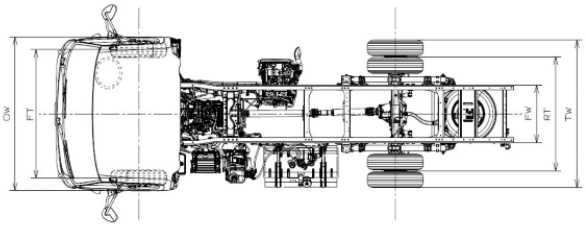


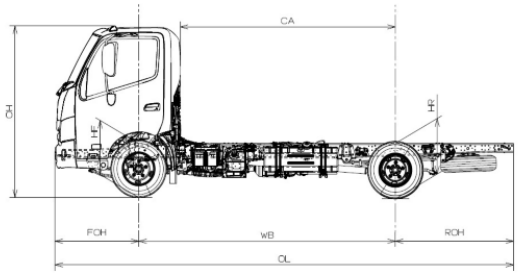


### DIMENSIONS (MM) / WEIGHTS (KG) / CAPACITIES (L)

| Model Description | | 616 AT 2810 WIDE | 616 AT 3430 WIDE | 616 AT 3870 WIDE |
|---|---|---|---|---|
| Product Code | | XZU700R-WKTMVQ3 | XZU710R-WKTMVQ3 | XZU720R-WKTMVQ3 |
| Max Nom Body length ((WBx0.6)+CA-80) | | 3,856 | 4,848 | 5,552 |
| Wheelbase (WB) | | 2,810 | 3,430 | 3,870 |
| Overall length (OL) | | 5,210 | 6,135 | 6,750 |
| Cab Width (CW) | | 1,995 | | |
| Over All Width Rear Tyres (OAWRT) | | 1,905 | | |
| Overall height (OH) | | 2,200 | | |
| Cab to rear Axle centre (CA) | | 2,240 | 2,860 | 3,300 |
| Front Overhang (FOH) | | 1,125 | | |
| Rear Overhang (ROH) | | 1,275 | 1,580 | 1,755 |
| Front Chassis Height (FCH) | | 680 | | |
| Rear Chassis Height (RCH) | | 750 | | |
| Road Clearance (RC) | | 170 | | |
| Front Track (FT) | | 1,665 | | |
| Rear Track (RT) | | 1,480 | | |
| Turning Circle | Kerb to Kerb | 9,800 | 11,800 | 13,000 |
| | Wall to Wall | 11,200 | 13,200 | 14,400 |
| Indicative chassis mass–kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance | | | | |
| Total | | 2,350 | 2,400 | 2,445 |
| Front | | 1,650 | 1,645 | 1,675 |
| Rear | | 705 | 760 | 780 |
| Standard Ratings | GVM | 4,499 | | |
| | GCM | 7,999 | | |
| Optional Ratings | GVM | 5,500 | | |
| | GCM | 9,000 | | |

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

### WARRANTY

New vehicle warranty period

| Light Duty Model | Axle configuration | Standard warranty (whichever comes first) |
|---|---|---|
| 300 Series | 4 x 2 | 5 years or 250,000km |

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

ROADSIDE ASSIST

SERVICE AGREEMENT

3 YEARS UNLIMITED KILOMETRE ACCESSORIES WARRANTY

3 YEARS UNLIMITED KILOMETRE PARTS WARRANTY

5 YEARS WARRANTY

MEMBER TIC

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