

HINO

300 Series

Hybrid range – STD & 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)
- Dual SRS Airbags
- Reverse Camera
- ECE R-29 Cab Strength Certified
- Cruise Control
- ADR 80/03 Emission level using Euro 6 Standard
- Hybrid drive system
- STD and Wide cab variants

KEY SPECIFICATIONS

- GVM Range** 4,495kg to 8,500kg
- GCM Range** GVM + 3,500kg
- Power** 150hp/110kW
- Torque (including Hybrid drive)** 470Nm
- Transmission** 6 spd Automated Transmission
- Wheelbases** 3.4m, 3.9m
- Max Nominal Body Length** 4.8m, 5.6m

Check the back page for individual variant dimensions & ratings

ENGINE

Engine model	Hino N04C-WR
Max. output (ISO Net) @ 2,700rpm	150hp/110kW
Max. torque (ISO Net) @ 1,200rpm	470Nm
Max. engine RPM	3,100
Engine compliance	ADR 80/03 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	Dry paper element
Exhaust system	Horizontal outlet RHS
Emission control systems	DPR & SCR after treatments
Engine immobiliser	Equipped

CLUTCH

Type	Dry Single plate with auto adjuster
Facing Diameter	300mm
Control	Electronic with transmission

HYBRID DRIVE SYSTEM

Motor type	AC Synchronous motor
Rated voltage	201V
Max output	35kW @ 1600rpm
Idle stop	Equipped
Battery type	Nickel-Metal Hydride
Battery capacity	6.5 Ah

TRANSMISSION & GEAR RATIOS

Make, Model & Type	Hino RE62 6 speed with single overdrive		
Description	Automated Transmission, incorporating Hybrid electric drive		
GEAR RATIOS	1	6.370	
	2	3.870	
	3	2.148	
	4	1.461	
	5	1.000	
	6	0.703	
	Reverse	5.926	

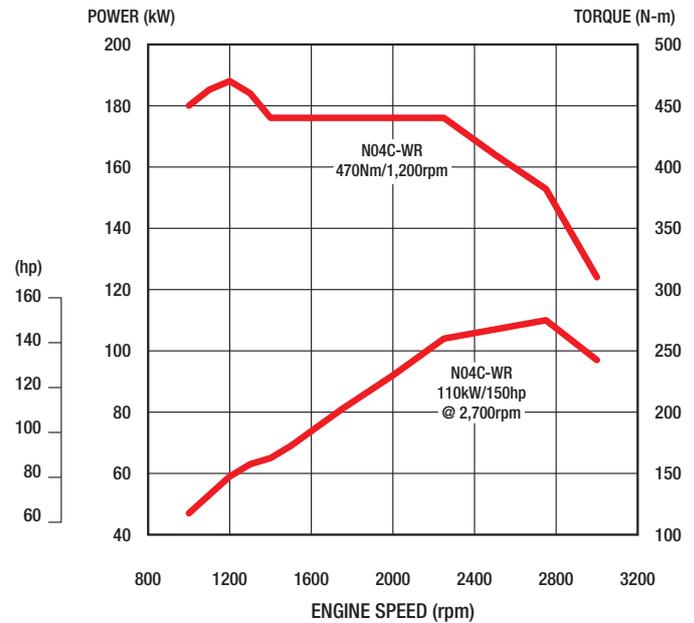
PERFORMANCE

Models	616 STD	616 Wide	716 Wide	916 Wide
Engine RPM @ 100 km/h	2449	2133	2,090	2,458
Max theoretical speed km/h	122	140	144	122
Gradeability tan @ GVM	60%	60%	50.1%	44.1%
Rear axle ratio	4.625	4.1	4.100	5.142

BRAKES

Type	Ventilated disc front & rear
Control	Dual circuit VOH with power brake assist
ES Start	Equipped
Exhaust Brake	Equipped
Park brake	Drum acting on transmission output shaft

POWER & TORQUE CHART (ISO NET) N04C-WR



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
Traction Control	TC	Equipped
Lane Departure Warning System	LDWS	Equipped
Reverse Camera	RC	Equipped
ES Start	ES	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

Models	616 STD	616 Wide	716 Wide	916 Wide	
FRONT	Front Axle Type	IFS			
	Suspension	Reverse Elliot I-beam			
	Axle Limit (incl suspension)	Coil Sprng			
	Tyre limit	Taper Leaf sprng with stabiliser			
REAR	Axle Limit (incl suspension)	2,400kg	2,600kg	3,100kg	3,100kg
	Tyre limit	2,180kg	2,360kg	2,570kg	3,100kg
	Rear Axle Model	SH12		SH13	
	Type	Fully floating single reduction			
	Suspension	Taper Leaf sprng, shock absorbers & Stabiliser bar			
Axle Limit (incl suspension)	4,400kg	4,400kg	5,100kg	6,200kg	
Tyre Limit	4,120kg	4,400kg	4,860kg	6,000kg	

CHASSIS FRAME

Type	Ladder-shaped channel section side rails		
Model	616 STD	616 Wide	716 / 916
Depth Flange Thickness in mm	177.8 x 60 x 4.9	190.8 x 65 x 4.9	192.8 x 65 x 5.9
Chassis width (at rear)	700mm	750mm	
Tensile Strength	540 N/mm ²		
Tow Hook	Equipped		

WHEELS & TYRES

Models	616 STD	616 Wide	716	916
Wheel type	5-Stud JIS		6-Stud JIS	
Pitch Circle Diameter (PCD)	203.2mm		222.25mm	
Rim size	16" x 5.5"		17.5" x 6.0"	
Tyre size	185/85R16	195/85R16	205/85R16	225/80R17.5
Number of wheels and tyres	Seven (7) including spare			
Spare tyre carrier	Equipped			

FUEL TANK & SUPPLY

Models	616 STD	616 Wide/716/916
Material	Steel	
Tank Capacity (L)	100	80
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
Charging	80 amp supplied by Hybrid system
Engine Starter	Supplied by Hybrid system
Headlamps	Halogen
Electric horn	Equipped
Reverse Buzzer	Equipped

STEERING

Type	Telescopic and Tilt adjustable steering column, recirculating ball integral power steering				
Model	616	616 Wide	716	916	
Steering Angle	Inside	39°	51°	50°	44°
	Outside	35°	36°	36°	34°

GENUINE ACCESSORY OPTIONS

Bullbar	GPS nav with live traffic truck spec
Chrome wheel covers	Nudge Bar (STD Cab only)
Cameras (up to additional 3 extra)	Seat covers (Wool, Canvas, Carbon)
Dash Camera (DVR camera system)	Stone guard
Dash mat	Sunvisor
Floor mats	Weathershields

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
	Suspension base for Wide cab models
Assistant's Seat	Fixed bench, split back, urethane foam pads
Seat Covering	Fabric cover
Seat belts	Driver's seat
	Assistant's seat
	Centre seat
	3-point Lap/Sash type with ELR and pre-tensioner
	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	6.5" LCD, HD touch screen display with DAB+AM/FM radio, AUX input, Bluetooth 4.1, Android 6.0 CANBUS connected & Wi-Fi enabled
Heater & Air conditioner	Equipped with 4 speed fan
Central & remote door locking	Equipped with Immobiliser
Power windows	Equipped
Drivers footrest	Equipped
Driver's seat back pocket	Equipped
Centre fold down tray	Equipped
Cup holders	Sides of dash, & centre console (Wide cab only)
Tool kit & Jack	Equipped
1 courtesy & 2 LED reading lights	Equipped

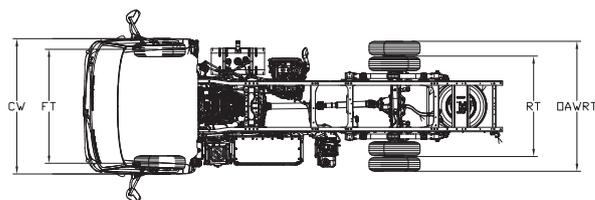
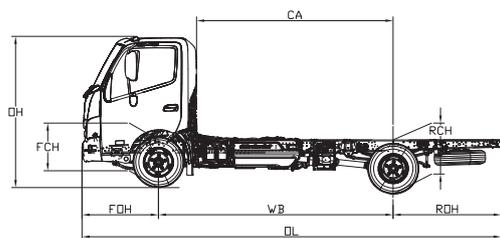
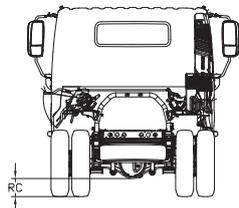
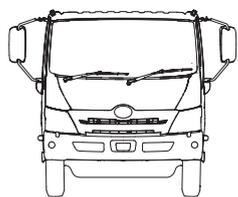
INSTRUMENTATION & CONTROLS

Meters & Gauges	Multi Information Display (MID)
Speedometer	Safety feature settings
Tachometer	General information settings
LCD Display	Eco driving
Clock	DPR filter gauge and SCR warning
Battery warning	Cruise control settings
Coolant	Dash mounted switches
Fuel and Adblue®	Heater & A/C controls
ODO meter	ES Start
Steering wheel & Column controls	LDWS off
MID setting	PCS off
Cruise control settings	VSC off
Hands free phone	Headlight leveller
Lights & Indicator	Hazard lights
Exhaust brake & wiper washer	DPR manual regeneration

Hybrid range – STD & Wide Cab

300 Series

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



Model Description	616 AMT 3375 STD Hybrid	616 AMT 3430 Wide Hybrid	716 AMT 3430 Wide Hybrid	916 AMT 3870 Wide Hybrid
Product Code	XKU655R- WKVMVQ3	XKU710R- WKVMVQ3	XKU710R- WKVQVQ3	XKU720R- WKVTVQ3
Max Nom Body length (WBx0.6)+CA-80)	4,820	4,848	4,848	5,552
Wheelbase (WB)	3,375	3,430	3,430	3,870
Overall length (OL)	5,965	6,135	6,135	6,750
Cab Width (CW)	1,695	1,995	1,995	1,995
Over All Width Rear Tyres (OAWRT)	1,850	1,905	1,970	2,065
Overall height (OH)	2,090	2,200	2,220	2,245
Cab to rear Axle centre (CA)	2,875	2,870	2,870	3,310
Front Overhang (FOH)	980	1,125	1,125	1,125
Rear Overhang (ROH)	1,580	1,580	1,580	1,755
Front Chassis Height (FCH)	650	675	695	725
Rear Chassis Height (RCH)	690	745	755	815
Road Clearance (RC)	170	170	180	200
Front Track (FT)	1,400	1,665	1,665	1,655
Rear Track (RT)	1,435	1,480	1,520	1,590
Turning Circle	Kerb to Kerb	12,600	11,800	13,800
	Wall to Wall	13,800	13,200	15,200
Indicative chassis mass—kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance)				
Total	2,350	2,550	2,665	2,770
Front	1,550	1,730	1,775	1,800
Rear	800	820	890	970
Standard Ratings	GVM	4,495	4,495	6,500
	GCM	7,995	7,995	10,000
Optional Ratings	GVM	5,500	5,500	4,995
	GCM	9,000	9,000	7,995

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)	Cab corrosion perforation	Hybrid Nickel metal Hydride Battery (whichever comes first)
300 Hybrid Range	4 x 2	3 years or 100,000km	36 months	5 years or 160,000km

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



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