

# 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

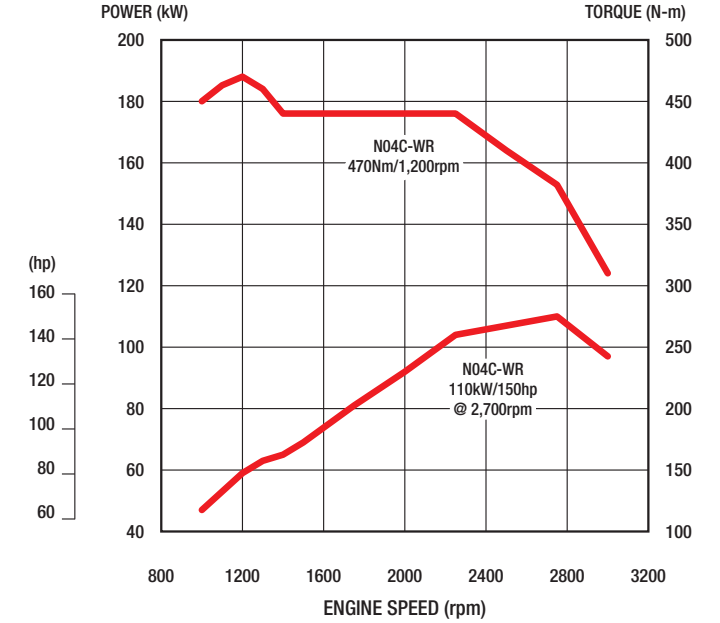
PERFORMANCE

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
	Lane Departure Warning System		LDWS
Traction Control	TC	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	Reverse Elliot I-beam		
	Suspension	Coil Sprg	Taper Leaf sprg with stabiliser		
	Axle Limit (incl suspension)	2,400kg	2,600kg	3,100kg	3,100kg
	Tyre limit	2,180kg	2,360kg	2,570kg	3,100kg
REAR	Rear Axle Model	SH12			SH13
	Type	Fully floating single reduction			
	Suspension	Taper Leaf sprg, 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/mm²		
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

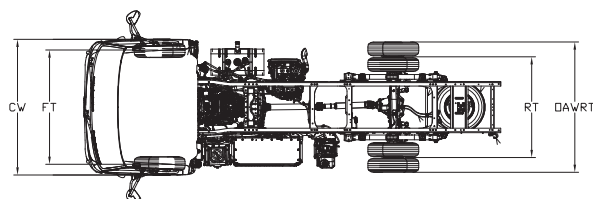
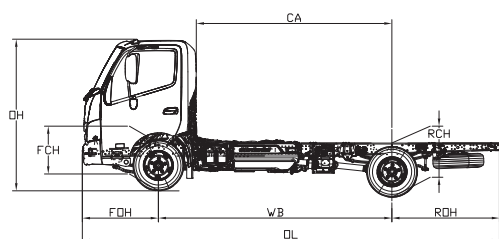
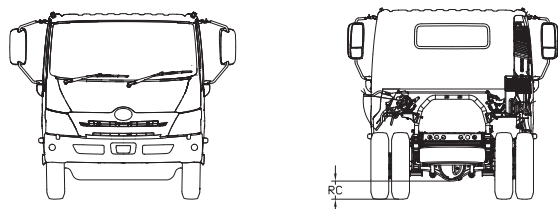
Type	Forward control, all steel, welded construction, torsion-bar tilt mechanism, fully trimmed
Windscreen wipers washers	Dual wiper arms with intermittent & 2 speeds
Grille Colour	Painted same colour as the cab
Outside rearview mirrors	2 Flat type main, heated & electric control
	2 convex spotter type,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

<b>Meters &amp; Gauges</b>	<b>Multi Information Display (MID)</b>
Speedometer	Safety feature settings
Tachometer	General information settings
<b>LCD Display</b>	Eco driving
Clock	DPR filter gauge and SCR warning
Battery warning	Cruise control settings
Coolant	<b>Dash mounted switches</b>
Fuel and Adblue®	Heater & A/C controls
ODO meter	ES Start
<b>Steering wheel &amp; Column controls</b>	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



### 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 (WBxO.6)+CA-80)		4,820	4,848		5,552
Wheelbase (WB)		3,375	3,430		3,870
Overall length (OL)		5,965	6,135		6,750
Cab Width (CW)		1,695	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		3,310
Front Overhang (FOH)		980	1,125		
Rear Overhang (ROH)		1,580			1,755
Front Chassis Height (FCH)		650	675	695	725
Rear Chassis Height (RCH)		690	745	755	815
Road Clearance (RC)		170		180	200
Front Track (FT)		1,400	1,665		1,655
Rear Track (RT)		1,435	1,480	1,520	1,590
Turning Circle	Kerb to Kerb	12,600	11,800	11,400	13,800
	Wall to Wall	13,800	13,200	12,800	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		6,500	7,995
	GCM	7,995		10,000	11,495
Optional Ratings	GVM	5,500		4,495	8,500
	GCM	9,000		7,995	12,000

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)	Cab corrosion perforation	Hybrid Nickel metal Hydride Battery (whichever comes first)
300 Hybrid Range	4 x 2	5 years or 250,000km	60 months	5 years or 250,000km

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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