

HINO

700 Series



4 x 2 Cab Chassis

*Illustration may contain items not standard to the model

KEY FEATURES

Pre-Collision System (PCS) including AEB & PD
 Vehicle Stability Control (VSC)
 Lane Departure Warning System (LDWS)
 Adaptive Cruise Control
 Engine retarder (Jake) brake
 Reverse camera
 ISRI 6860/870 NTS2 with integrated safety belt
 ADR 80/03 Emission level using Euro 6 Standard
 LED Main beam Headlamps with Daytime running Lamps (DRL)
 Polished Alcoa wheels
 Differential Cross Lock
 Driver Monitor (DM)
 Hino Connect Telematics

KEY SPECIFICATIONS

GVM 16,000 to 17,400kg
GCM 38,000kg
Power 320hp/235kW
Torque 1,275Nm
Transmission 6 spd Automatic
Wheelbases 4.2m, 6.0m
Max Nominal Body Length 5.9m, 8.8m

ENGINE

Engine model	Hino A09C-VP
Max.output (ISO Net) @ 1,800 rpm	320hp/235kW
Max.torque (ISO Net) @ 1,100 to 1,600 rpm	1,275Nm
Max. engine rpm	2,100
Engine compliance	ADR 80/03 using Euro 6 Standard
Type	Diesel, turbo & intercooled, 6 cylinder, OHC
Combustion system	Direct injection
Bore & stroke	112 x 150 mm
Piston displacement	8.866L
Fuel injection system	Electric control common rail
Air cleaner & intake	Behind cab mounted with paper element
Exhaust system	Horizontal outlet
Emission control systems	DOC,DPR & SCR after treatments
Engine immobiliser	Equipped

TRANSMISSION & GEAR RATIOS

Make, model & Description	AUTOMATIC	
	Allison 3200 6-speed overdrive	
Shifter type	Touch pad Transmission controller	
GEAR RATIOS	1	3.487
	2	1.864
	3	1.409
	4	1.000
	5	0.750
	6	0.653
	Reverse	5.027
Torque Convertor Ratio	1.77	
Rear axle ratio	5.250	

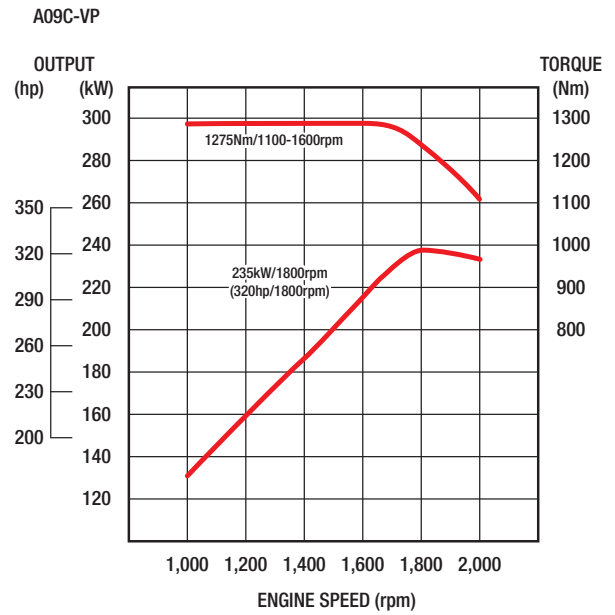
PERFORMANCE

Calculations based on 11R22.5 drive tyres @ 18t GVM	
Engine RPM @ 100 km/h	1,788
Road Speed limited to	100 km/h
Max theoretical speed km/h	117
Theoretical gradeability % @ GVM	44.7

BRAKES

Type	Full Air, Taper Roller, Drum	
Control	Electronic Brake System (EBS)	
Drum area dimensions Diameter x width	Front	406.4 x 152 mm
	Rear	406.4 x 216 mm
Park brake	Spring brake acting on the drive axle	
Engine retarder (Jake) Brake	Equipped	
Exhaust Brake	Equipped	
Brake Sync	Brake pedal activated Engine brake	

POWER & TORQUE CHART (ISO NET) A09C-VP



SAFETY FEATURES

Active Safety Features – Hino SmartSafe			
Vehicle Stability Control	VSC	Equipped	
Anti-lock Brake System	ABS	Equipped	
Pre-Collision System	PCS	Equipped	
PCS is inclusive of	Autonomous Emergency Braking	AEB	
	Pedestrian Detection	PD	
Adaptive Cruise Control	ACC	Equipped	
Anti-Slip Regulator	ASR	Equipped	
Lane Departure Warning System	LDWS	Equipped	
Reverse buzzer & camera	RC	Equipped	
Driver Monitor	DM	Equipped	
Daytime Running Lamps	DRL	Equipped	
Safety Eye	SE	Equipped	
Passive Safety Features			
ECE-R29 Cab Strength Certification			Equipped
SRS airbag for driver			Equipped
SRS seatbelt pretensioner for driver			Equipped
Shock absorbing & collapsible steering column			Equipped
Front Underrun Protection (FUP)			Equipped

AXLE, SUSPENSION & LOAD LIMITS

FRONT	Front Axle Model & Type	MF 68IR Reverse Elliot I-beam	
	Suspension	Taper Leaf Spring, shock absorbers & Stabiliser bar	
	Axle Limit (incl suspension)	6,500 kg	
	Tyre limit	6,900 kg	
REAR	Rear Axle Model & Type	SH17 fully floating single reduction	
	Differential Cross Lock	Equipped	
	Model	FH 1832 LEAF	FH 1832 AIR
	Suspension	Taper leaf springs	Hendrickson HAS with ECAS & Road Friendly Suspension Certified
	Axle Limit (incl suspension)	11,500 kg	
Tyre Limit	10,900 kg		

CHASSIS FRAME

Type	Ladder-shaped channel section side rails
Depth, Flange, Thickness	275 x 80 x 7.0 mm
Chassis width (at rear)	840 mm
Tensile strength	620 N/mm ²
Front Underrun Protection (FUP)	Equipped
Front tow hook	Equipped

WHEELS & TYRES

Wheel type	10-Stud disc wheel (ISO type) PCD 335 mm	
Rim type & size	Polished Alcoa 22.5" x 8.25"	
Tyre size	Front	295/80R22.5
	Rear	11R22.5
Number of wheels and tyres	Seven (7) including spare	
Spare tyre carrier	Equipped	

FUEL TANK & SUPPLY

Diesel tank type & capacity	Aluminium 390 Lts
Diesel tank lockable fuel cap	Equipped
Diesel fuel filtration	Primary, secondary & sedimenter
AdBlue® Tank Capacity	28 Lts

ELECTRICAL

Type	24 volt negative earth system
Batteries	12 volt x 120 AH 115F51 x 2
Alternator capacity	90 amp
Starter type	24v – 6.0kW
Main Beam Headlamps (LED)	Equipped
Daytime Running Lamps (LED)	Equipped
Cornering Lamps	Equipped
Electric operated air horn	Equipped
Reverse buzzer & camera	Equipped
12 Volt 120W power socket	Equipped
USB 2.1A charging port	Equipped

STEERING

Type	Telescopic and Tilt adjustable steering column, recirculating ball integral power steering	
Steering Angle	Inside 49°	Outside 34°

GENUINE ACCESSORY OPTIONS

Bullbar	Rubber floor mats
Chrome wheel covers	Seat covers (Wool, Canvas, Carbon)
Cameras (up to additional 5 extra)	Stone guard
DVR	Sunvisor
Dash mat	Truck spec GPS nav with live traffic
Foot well Liners	Weathershields
Lane Change kit	Engine drive PTO 1:1 ratio

Please check with your dealer for availability, price & fitment

CAB EXTERIOR

Type	Forward control, all steel, welded construction, Fully floating air suspended with electro hydraulic power tilt
ECE R29 Cab Strength	Certified
Windscreen wipers washers	Triple wet wiper arms
Grille Colour	Chrome
Outside rearview mirrors	2 Flat type main, heated & electric control
	2 convex spotter type, mounted below the main
	LHS kerb view & front kerb view mirrors
Windscreen Glass	Heat absorbing laminated glass

CAB INTERIOR

Seating Capacity	Two (2)	
Driver's seat	ISRI 6860/870 NTS2 with integrated safety belt	
Assistant's Seat	Fixed High-back, reclining	
Seat Covering	Fabric cover	
Seat belts	Driver's seat	3-point Lap/Sash type with ELR
	Assistant's seat	
SRS airbag and pre-tensioner	Driver side	
Sun visor & overhead consoles	Driver & side passenger	
Sleeper berth	ADR 42 Capable	
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	
Automatic climate control	Equipped	
Central & remote door locking	Equipped with Immobiliser	
Power windows	Equipped	
Drivers footrest	Equipped	
Driver's seat back pocket	Equipped	
Centre document tray	Equipped	
Cup holders	Within centre tray & door pockets	
Tool kit & Jack	Equipped	
LED courtesy & reading lights	Equipped	

INSTRUMENTATION & CONTROLS

Multi Information Display (MID)	Meters & Gauges
Safety feature settings	Speedometer
General information settings	Tachometer
Eco driving	Air Pressure gauges x 2
DPR filter gauge	Dash mounted switches
Cruise control settings	Climate controls
LCD Display	LDWS off
Date & Time	PCS off
Battery warning	VSC off
Drivers seatbelt warning	Headlight leveller
Coolant	Hazard lights
Fuel & AdBlue® gauge	DPR manual regeneration
ODO, trip & hour meters	ECAS height control (Air suspension models)
Steering wheel & Column controls	Heated mirrors
MID setting	Idle up
Cruise control settings	Powered mirror control
Hands free phone	Differential Cross Lock
Lights & Indicator	Brake Sync
Engine brake & wiper washer	

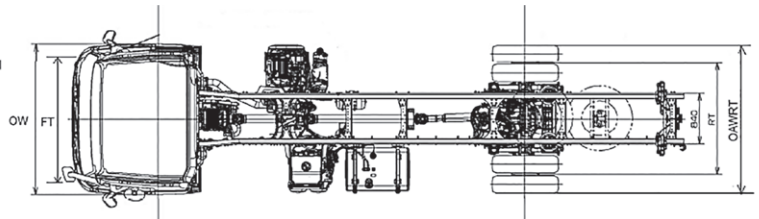
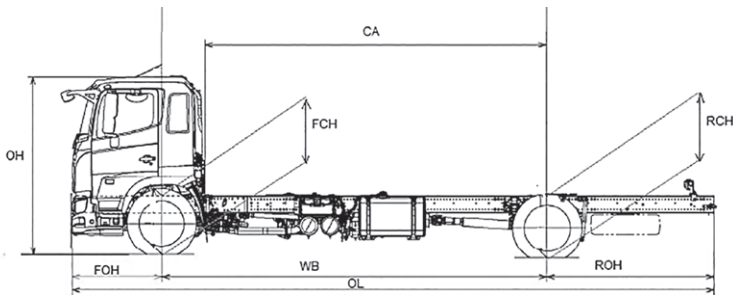
FH 1832

700 Series



DIMENSIONS – MM/WEIGHTS – KG

Model Description	FH 1832 AT LEAF 4200	FH 1832 AT AIR 6000	
Product Code	FH1AHKA-DXCPEAC	FH1ASKH-DXCPEAC	
Max Nom Body length ((WBx0.6)+CA-80)	5,970	8,850	
Wheelbase (WB)	4,200	6,000	
Overall length (OL)	7,775	10,010	
Cab Width (CW)		2,490	
Over All Width Rear Tyres (OAWRT)		2,460	
Overall height (OH)		2,875	
Cab to rear Axle centre (CA)	3,530	5,330	
Front Overhang (FOH)		1,400	
Rear Overhang (ROH)	2,175	2,610	
Front Chassis Height (FCH)		1,010	
Rear Chassis Height (RCH)	1,130	1,050	
Road Clearance		270	
Front Track (FT)		2,050	
Rear Track (RT)		1,835	
Turning Circle	Kerb to Kerb	14,600	2,020
	Wall to Wall	16,400	22,000
Indicative chassis mass – kg (STD tools, 10 litres of fuel, spare tyre & subject to a +/- 3% tolerance)			
Total	6,109	6,225	
Front	4,083	4,191	
Rear	2,026	2,034	
Standard Ratings	GVM	Standard	16,000
		Optional	Up to 17,400
	GCM		38,000



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

WARRANTY

New vehicle warranty period

Heavy Duty Model	Standard warranty (whichever comes first)	Engine component warranty (whichever comes first)	Cab corrosion perforation
700 FH 1832	3 years or 500,000km	60 months or 750,000km	36 months

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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