



HINO 185 SERIES LIMITED EDITION

TRUCK CHASSIS SPECIFICATIONS

(NC6J) SS-NC019

GVW (A/T Allison) 8,170 kg (18,000 lbs)

GVW (A/T Aisin) 8,000 kg (17,600 lbs)

All models require ultra-low sulfur diesel fuel

DIMENSIONS (On standard specifications)

MODEL		NC6JJSA		NC6JKSA		NC6JMSA	
Wheelbase	A mm(in.)	4,293	(169.0)	4,648	(183.0)	5,105	(201.0)
Overall length	B mm(in.)	6,772	(266.6)	7,432	(292.6)	7,889	(310.6)
Overall width	C mm(in.)	2,315	(91.1)	2,315	(91.1)	2,315	(91.1)
Overall height	D mm(in.)	2,575	(101.4)	2,575	(101.4)	2,575	(101.4)
Cab to axle	E mm(in.)	2,683	(105.6)	3,038	(119.6)	3,495	(137.6)
Rear overhang	F mm(in.)	1,600	(63.0)	1,905	(75.0)	1,905	(75.0)
Frame height at							
Front axle	G mm(in.)	760	(29.9)	760	(29.9)	760	(29.9)
Rear axle	H mm(in.)	865	(34.1)	865	(34.1)	865	(34.1)
Road clearance							
(at front axle)	J mm(in.)	180	(7.1)	180	(7.1)	180	(7.1)
Tread							
Front	K mm(in.)	1,850	(72.8)	1,850	(72.8)	1,850	(72.8)
Rear	L mm(in.)	1,825	(71.9)	1,825	(71.9)	1,825	(71.9)
Turning radius							
Tire	mm(in.)	7,010	(276.0)	7,530	(296.5)	8,200	(322.8)
Swept	mm(in.)	7,440	(292.9)	7,960	(313.4)	8,630	(339.8)

CHASSIS WEIGHTS (On std. spec., without spare tire & std. tool set)

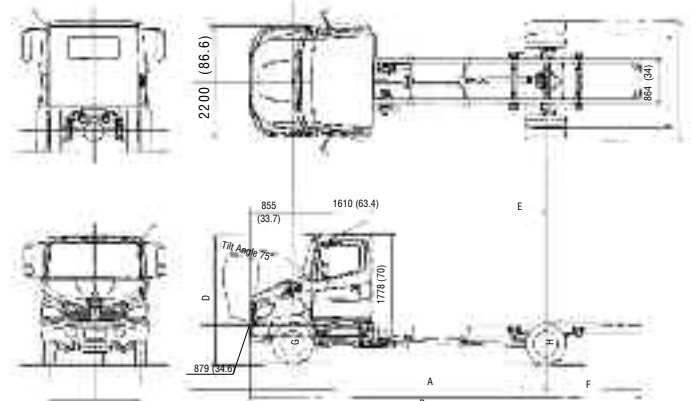
AT Aisin	Total weight	kg (lb)	3243 (7134)	3263 (7178)	3283 (7222)
	Front axle	kg (lb)	2121 (4666)	2141 (4710)	2166 (4765)
	Rear axle	kg (lb)	1122 (2468)	1122 (2468)	1117 (2457)
AT Allison	Total weight	kg (lb.)	3,365 (7,420)	3,385 (7,460)	3,405 (7,510)
	Front axle	kg (lb.)	2,205 (4,610)	2,225 (4,905)	2,255 (4,975)
	Rear axle	kg (lb.)	1,160 (2,555)	1,160 (2,555)	1,150 (2,535)

ENGINE

Model	HINO J05D-TF EPA07
Type:	Diesel 4-cy., 4-cyl. in-line, water-cooled
Combustion system:	Direct injection type
Max. output: (SAE Gross)	175HP at 2,500 rpm
Max. torque: (SAE Gross)	510 N·m (376 lb.-ft.) at 1,600 rpm
Bore and stroke:	112 x 120 mm (4.41 x 4.72 in.)
Piston displacement	4.730 L (288.5 cu.in.)
Fuel injection system:	Common rail ND
Governor:	Electronically controlled
Intake system:	Turbocharged and intercooled
Air cleaner:	Paper filter type ("DONALDSON")
Pre-heater:	Glow plug type
Fan clutch:	Bimetal thermostat sensor regulates fan speed
Block heater:	1,000 watts/120V immersion type

POWER LINE & PERFORMANCE [8,170 kg (18,000 lbs.) GVW & 225-70R19.5 tires]

Power line		
Max. speed km/h	114	114
Gradeability (tan.θ) %	55.3	51.0
Transmission Model	AISIN 450-43LE	ALLISON 1000RDS
Type	Four-speed automatic	Six-speed automatic
1st.	3.018	3.102
2nd.	1.548	1.811
3rd.	1.000	1.406
Ratios	4th.	0.703
	5th.	–
	6th.	–
	Rev.	2.678
Rear axle gear ratios	5.570	5.130



THE QUALITY CHOICE.

WEIGHT CAPACITIES

Front axle	kg(lbs.)	2,841 (6,250)
Rear axle	kg(lbs.)	5,909 (13,000)
Front spring	kg(lbs.)	2,727 (6,000)
Rear spring	kg(lbs.)	5,909 (13,000)

LIQUID CAPACITIES

Fuel tank ltr.(gal./US)	132.5 (35), aluminum
Cooling system	20.0 (5.29)
ltr.(gal./US)	: AISIN 450-43LE 19.5 (5.16) : ALLISON 1000RDS

AXLE / SUSPENSION

Front axle	MFS-6 series reversed Elliot, "I" beam, oil-lubricated wheel bearings
Front spring	Taper-leaf springs w/ shock absorbers
Rear axle	RS13-120 series Full-floating, single reduction Single-speed by hypoid gears
Rear spring	Aisin A/T: Semi-elliptic main Allison A/T: Semi-elliptic main and auxiliary helper, w/ shock absorbers Option: Two air bag suspension

FRAME

Ladder type	Straight J section
Width mm(in.)	863.6 (34)
Tensile strength kg/mm ² (lb/in) ²	63.4 (90,143)
Resisting bending moment (one side) kg•cm (in•lbs.)	754,691 (655,100) no reinforcement

STEERING

Type	Telescopic and tilt steering column with lock Recirculating ball, with hydraulic booster integral type
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WHEELS / TIRES

Wheel size	19.5X6.00RW, 8 stud
w/Allison A/T	6 steel wheels
w/Aisin A/T:	6 aluminum wheels
Tires	225/70/19.5
Brand & Pattern	BS Fr: RIB, Rr: LUG

BRAKES

Service brake	Hydraulic system with disc brake for front and rear wheels, with automatic adjustment
Disc diameter	Front;
x pad area (cm ²)	324 x 110 x 15.5
x thickness	(12.756 x 17.05 x 0.61)
mm(in.)	Rear;
	390.5 x 122.3 x 18.8 (15.375 x 18.96 x 0.74)
Control	Hydraulic dual circuit with Antilock Brake System(ABS)
Parking brake	Mechanical, internal (with cover) expanding acting on transmission output shaft
Drum diameter	254 (10): MERITOR 10
mm(in.)	228.6 (9): BOSCH 9
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

CAB EQUIPMENT

Cab construction	- All steel welded
Seating	- Three Driver's seat - Adjustable reclining, covered with fabric with air suspension Passenger's seat - Bench type, covered with fabric
Seat belts	- 3-point type (driver and passenger), one 2-point type (centre)
Heater/Defroster	- 18,357 BTU/h (4,627 Kcal/h)
Mirrors	- outside rearview, chrome, 1 flat, heated and 1 convex on each side
Sun visors	- Two
Over-head console	- Two
Air conditioning	
Windshield	- Laminated
Windshield wipers	- Dual electric, 2-speed and intermittent
Cup holders	
Electric power windows	
Electronic cruise control	
Cigarette lighter / 12V power outlet	
Power door lock	

DASH INSTRUMENTATION

Driver information display
Meters and gauges, metric system
Speedometer - km/h (mph)
Odometer (km/h)
Fuel gauge
Coolant temperature gauge
Engine tachometer
Warning and pilot lamps and buzzers
Oil pressure warning lamp and buzzer
Brake pressure warning lamp and buzzer
Coolant level warning lamp and buzzer
Battery charging warning lamp
High beam indicator lamp
Turn signal pilot lamp
Parking brake warning lamp
Engine control system warning lamp
ABS warning lamp
Glow plug pre-heater indicator lamp

ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12 V
Capacity	1400 CCA
Alternator	12 V, 105 A brushless
Starter	12 V, 2.5 kW
Audio system	AM/FM radio with CD, DVD, GPS & Bluetooth®
Headlamps	2, composite type
Identification lamps (front)	LED type
Stop/Tail lamps	
Back-up lamps	
Turn signals and hazard warning lamps	
Dome lamps	
Front side marker lamps	
Clearance lamps (front)	LED type
Electrical horn (dual)	

CHASSIS EQUIPMENT

Fuel pre-filter	- Pre-filter (dust) and sedimenter (water) with heater
Reflectors	- Two rear, two front side
Hook	- One at front
Radiator Grille	Chrome
Bumper	Chrome

See your authorized Hino Dealer for a complete list of options and accessories.

NOTE : All specifications of the products are with normal manufacturing allowances and tolerances. HINO MOTORS CANADA, LTD. reserves the right to alter specifications at any time without previous notice.