

HINO 338 SERIES



2008

TRUCK CHASSIS SPECIFICATIONS

(NV8J) SS-NV023

GVW: 14,950 kg (33,000 lbs.)

ENGINE MODEL: J08E-TW (Turbo Intercooled)

All 2008 models require ultra-low sulfur fuel

DIMENSIONS (On standard specifications)

MODEL		NV8JPSA	NV8JRSA	NV8JTSA	NV8JVSA
Wheelbase	A mm(in.)	5,512 (217.0)	5,969 (235.0)	6,426 (253.0)	6,883 (271.0)
Overall length	B mm(in.)	9,007 (354.6)	9,464 (372.6)	9,921 (390.6)	9,921 (390.6)
Overall width	C mm(in.)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)	2,450 (96.5)
Overall height	D mm(in.)	2,715 (106.9)	2,715 (106.9)	2,715 (106.9)	2,715 (106.9)
Cab to axle	E mm(in.)	3,800 (149.6)	4,257 (167.6)	4,714 (185.6)	5,171 (203.6)
Rear overhang	F mm(in.)	2,464 (97.0)	2,464 (97.0)	2,464 (97.0)	2,007 (79.0)
Frame height at					
Front axle	G mm(in.)	935 (36.8)	935 (36.8)	935 (36.8)	935 (36.8)
Rear axle	H mm(in.)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)	1,030 (40.6)
Road clearance					
(at front axle)	J mm(in.)	(11.2) 285	(11.2) 285	(11.2) 285	(11.2) 285
Tread					
Front	K mm(in.)	2,015 (79.3)	2,015 (79.3)	2,015 (79.3)	2,015 (79.3)
Rear	L mm(in.)	1,835 (72.2)	1,835 (72.2)	1,835 (72.2)	1,835 (72.2)
Turning radius					
Tire	mm(in.)	8,790 (346.1)	9,460 (372.4)	10,120 (398.4)	10,790 (424.8)
Swept	mm(in.)	9,310 (366.5)	9,980 (392.9)	10,640 (418.9)	11,310 (445.3)

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

MT	Total weight	kg(lb.)	4,770 (10,520)	4,815 (10,620)	4,835 (10,660)	4,860 (10,710)
	Front axle	kg(lb.)	2,920 (6,440)	2,965 (6,540)	2,990 (6,595)	3,040 (6,700)
	Rear axle	kg(lb.)	1,850 (4,080)	1,850 (4,080)	1,845 (4,065)	1,820 (4,010)
AT	Total weight	kg(lb.)	4,875 (10,750)	4,920 (10,850)	4,940 (10,890)	4,965 (10,950)
	Front axle	kg(lb.)	3,005 (6,625)	3,050 (6,725)	3,075 (6,780)	3,125 (6,895)
	Rear axle	kg(lb.)	1,870 (4,125)	1,870 (4,125)	1,865 (4,110)	1,840 (4,055)

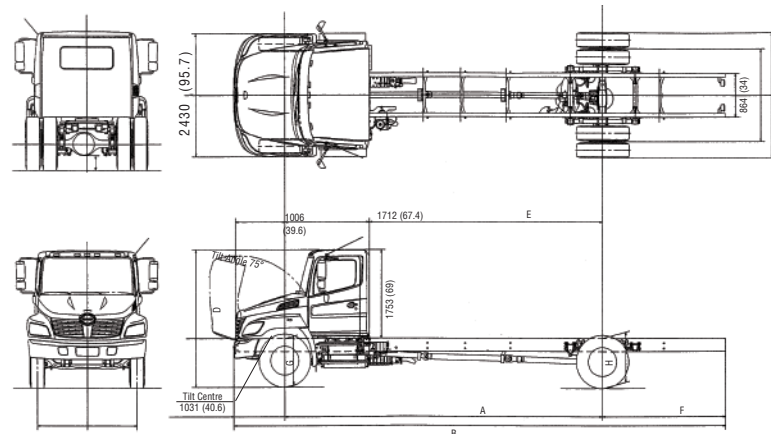
POWER LINE & PERFORMANCE

[14,950 kg (33,000 lbs.) GVW & 11.00R22.5-14 tires]

Power line	□ STD.	□ OPT.	□ STD.	□ OPT.
Max. speed km/h	121	124	119	122
Gradeability (tan.θ) %	38.2	37.3	49.3	48.1
Transmission Model	Eaton FS6406A		Allison 3000RDS	
Type	Six-speed direct drive synchronesh 1st-6th		Five-speed automatic	
1st.	9.008		3.487	
2nd.	5.270		1.864	
3rd.	3.220		1.409	
4th.	2.040		1.000	
5th.	1.361		0.750	
6th.	1.000		-	
Rev.	8.625		5.027	
Rear axle gear ratios	4.110	3.900	5.570	5.290
Tire is combined with ratio	11R22.5-14	295/75R22.5	11R22.5-14	295/75R22.5

ENGINE

Model	HINO J08E-TW
Type:	Diesel 4-cy., 6-cyl. in-line, water-cooled
Combustion system:	Direct injection type
Max. output: (SAE Gross)	260HP at 2,500 rpm
Max. torque: (SAE Gross)	794 N·m (585 lb.-ft.) at 1,500 rpm
Bore and stroke:	112 x 130 mm (4.41 x 5.12 in.)
Piston displacement	7.680 L (468.8 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 heater plug type
Fan clutch:	Bimetal thermostat sensor regulates fan speed
Block heater:	1,000 watts/120V immersion type



THE QUALITY CHOICE.

WEIGHT CAPACITIES

Front axle	kg(lbs.)	5,440 (12,000)
Rear axle	kg(lbs.)	9,530 (21,000)
Front spring	kg(lbs.)	5,440 (12,000)
Rear spring	kg(lbs.)	9,530 (21,000)

LIQUID CAPACITIES

Fuel tank ltr.(gal./US)	196.8 (52)
Cooling system	23.5 (6.21)
ltr.(gal./US)	: Eaton FS6406A
	23.0 (6.08)
	: ALLISON 3000 RDS

AXLE / SUSPENSION

Front axle	MFS-12 series reversed Elliot, "I" beam, Oil lubricated front wheel bearings
Front spring	Taper-leaf springs w/ shock absorbers
Rear axle	RS21-145 series Full-floating, single reduction Single-speed by hypoid gears
Rear spring	Semi-elliptic main and auxiliary helper, - leaf spring

FRAME

Ladder type	Straight] section
Width mm(in.)	863.6 (34) W/B=217-235 866.8 (34.1) : W/B=253, 271
Tensile strength kg/mm ² (lb/in) ²	63.4 (90,143)
Resisting bending moment (one side) kgf•cm (in•lbs.)	1,475,588 (1,280,800) no reinforcement

STEERING

Type	Telescopic and tilt steering column with lock Recirculating ball, with hydraulic booster integral type
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CLUTCH

Type	Dry single plate self-adjusting EATON-SPICER Solo 1401 series
Facing material	Cerametalllic
Facing outside diameter mm (in.)	350 (13.8)
Control	Hydraulic

WHEELS / TIRES

Wheels	22.5X8.25, 10-stud disc.
Tires	11R22.5(G)
Brand & Pattern	BS Fr: RIB, Rr: LUG

BRAKES

Service brake	Full air, dual circuit, "S" cam type, leading & trailing shoes, with automatic adjustment
Disc diameter	Front;
x lining width	381 x 101.6 x 18.5
x thickness	(15 x 4 x 0.73)
mm(in.)	Rear;
	419.1 x 177.8 x 21.6
	(16.5 x 7 x 0.85)
Control	Full air dual circuit with Antilock Brake System (ABS)
Parking brake	Spring brake acting on rear wheels
Air dryer for air tank	Equipped with heater (Bendix)
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 - heated - 1 flat 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	dash and console mounted
Electric power windows	
Electronic cruise control	
Cigarette lighter	

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	1200 CCA
Alternator	12 V, 105 A brushless
Starter	12 V, 4.8 kW
Audio system	AM/FM radio with CD
Headlamps	2, composite type
Identification lamps (front)	
Stop/Tail lamps	
Back-up lamps	
Turn signal and hazard warning lamps	
Dome lamps	
Clearance lamps (front) LED type	
Air horn and dual electric horns	

CHASSIS EQUIPMENT

Fuel pre-filter	- Pre-filter (dust) and sedimenter (water) with heater - DAVCO
Reflectors	- Two rear, two front side
Hook	- One at front
Bumper	3 piece front
Radiator Grille	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.