

2016 HINO 238



A Toyota Group Company

4 x 2 CONVENTIONAL GVW: 23,000 LBS. BBC: 108" ENGINE MODEL: J08E-VC (TURBO INTERCOOLED)

The Hino 238 defines what it means to be a delivery vehicle. With a 23,000 GVW capacity, the 238 combines outstanding fuel economy with Hino's long list of competitive advantages including warranty coverage and an unsurpassed B50 engine life. When you need cubic capacity, but not maximum weight capacity in a class 6 vehicle, the 238 provides you with low cost of ownership and unmatched reliability.



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ENGINE

Model	Hino J08E-VC
Type	Diesel 4-cycle, 6-cylinder in-line water-cooled, dry cylinder liner.
Fuel System	Common Rail, Direct injection type. (Denso)
Max. output (SAE Gross)	220hp at 2,500 rpm.
Max. torque (SAE Gross)	520 lb.-ft. at 1,500 rpm
Engine displacement	8L

POWERTRAIN AND PERFORMANCE

GVW	23,000 lbs.	
GCWR	26,000 lbs.	
Powertrain	STD	OPT
Max. speed mph	75	
Startability (% of grade)	16.8	16.2
Rear Axle Gear Ratios	STD - 5.29	OPT - 5.13
Transmission	Model	Allison 2200 HS / RDS
	Type	Six speed auto-matic
Ratios	1st	3.102
	2nd	1.811
	3rd	1.406
	4th	1.000
	5th	0.712
	6th	0.610
	Rev	4.492
Tires (standard)	10R22.5 -14	

DIMENSIONS

Wheelbase	in.	152/G	175/J	187/L	205/M	217/P	235/R	253/T	271/N
Cab to Axle	in.	84.6	107.6	119.6	137.6	149.6	167.6	185.6	203.6
Rear overhang	in.	50.0	63.0	75.0	75.0	50.0	97.0	97.0	79.0

FRAME HEIGHT AT

Front axle	in.	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
Rear axle	in.	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2

WEIGHT CAPACITIES

Front axle	lbs.	8,000
Rear axle	lbs.	17,500
Front spring	lbs.	8,000
Rear spring	lbs.	19,000

AXLE / SUSPENSION

Front axle	MFS-8 series reversed Elliot, "I" beam. (oil lubricated)
Front spring	Taper-leaf springs shock absorbers and stabilizer.
Rear axle	RS17-145, full-floating, single reduction; single-speed, hypoid gearing.
Rear spring	Semi-elliptic leaf spring.

FRAME

Ladder type	Straight C Channel	
Width	in.	34
Yield strength	PSI	80,000
Resisting bending moment (one side)	in.-lbs.	152"WB 1,280,800 All Others 1,031,900

WHEELS / TIRES

6 Wheels	22.5X8.25 10-stud disc.
Wheel style	Steel, powder coated
6 Tires	10R22.5-14
Tire pattern	Fr - Rib Rr - All Season

BRAKES

Service brake	Hydraulic system with disc brake for front and rear wheels.
Exhaust brake	Electric-pneumatic with valve in exhaust pipe.
Parking Brake	Lever control with cable internal expanding drum type.

CHASSIS EQUIPMENT

Fuel Tank	STD - 50gal. OPT - Dual 50gal. / Single 90gal.
DEF Tank	4.7gal.
Clean CA	STD - 50 gal fuel tank mounted under cab (driver side)
Batteries	STD - two 12V parallel circuit, 1200 CCA, 12V (GR 27 type) OPT - 2 or 3 parallel circuit (GR 31 type) OPT - 2 parallel circuit AGM (925 CCA)
Alternator	STD - 12V, 130 A, Delco (brush type) OPT - 12V, 135 A, 180 A, 200, Delco (brushless)
Starter	Denso - 12 V, 6.4 hp
Cab audio	AM / FM / CD Player / USB / AUX. input

POPULAR OPTIONAL EQUIPMENT (partial list)

Air ride suspension - Hendrickson
Air ride suspension dump valve - (electric)
Anti-Siphon device insert in fuel tank
Back-up alarm
Bluetooth radio
Cab paint, exterior - Black or red (factory)
Cab paint, exterior - Additional options available upon request
Cold weather package
Hinocare Preventive Care Program
Engine idle shutdown
Exhaust system - Vertical stack type
INSIGHT 2.0 Telematics System
Mirrors, power heated (available in chrome)
Mirrors, fender - Chrome (both sides or passenger only)
Mirrors, outside - Chrome
Power windows, power door locks (available with keyless entry)
Wheels - polished aluminum

NOTES

All specifications of the products are with normal manufacturing allowances and tolerances. Hino Motors Sales U.S.A., Inc. reserves the right to alter specifications at any time without previous notice.