

# 2015 HINO 268A

4 x 2 CONVENTIONAL GVW: 25,950 LBS. BBC: 108" ENGINE MODEL: J08E-VC (TURBO INTERCOOLED)



A Toyota Group Company

## DIMENSIONS

|                                |       |       |       |       |       |       |       |       |       |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wheelbase                      | A in. | 152/G | 175/J | 187/L | 205/M | 217/P | 235/R | 253/T | 271/V |
| Overall length                 | B in. | 242.6 | 278.6 | 302.6 | 320.6 | 354.6 | 372.6 | 390.6 | 390.6 |
| Overall width                  | C in. | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  | 96.5  |
| Overall height                 | D in. | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 | 106.9 |
| Cab to axle                    | E in. | 84.6  | 107.6 | 119.6 | 137.6 | 149.6 | 167.6 | 185.6 | 203.6 |
| Rear overhang                  | F in. | 50.0  | 63.0  | 75.0  | 75.0  | 97.0  | 97.0  | 97.0  | 79.0  |
| Frame height at                |       |       |       |       |       |       |       |       |       |
| Front axle                     | G in. | 37.0  | 37.0  | 37.0  | 37.0  | 37.0  | 37.0  | 37.0  | 37.0  |
| Rear axle                      | H in. | 39.8  | 39.8  | 39.8  | 39.8  | 39.8  | 39.8  | 39.8  | 39.8  |
| Road clearance (at diff. axle) | J in. | 11.2  | 11.2  | 11.2  | 11.2  | 11.2  | 11.2  | 11.2  | 11.2  |
| Tread                          |       |       |       |       |       |       |       |       |       |
| Front                          | K in. | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  | 79.3  |
| Rear                           | L in. | 72.2  | 72.2  | 72.2  | 72.2  | 72.2  | 72.2  | 72.2  | 72.2  |
| Turning diameter               |       |       |       |       |       |       |       |       |       |
| Curb to Curb                   | ft.   | 42.0  | 47.5  | 50.5  | 54.8  | 57.7  | 62.1  | 66.4  | 70.8  |
| Wall to Wall                   | ft.   | 45.4  | 50.9  | 53.9  | 58.2  | 61.1  | 65.5  | 69.8  | 74.2  |

## CHASSIS WEIGHTS

|              |     |        |        |        |        |        |        |        |        |
|--------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| Total weight | lb. | 10,250 | 10,195 | 10,260 | 10,375 | 10,485 | 10,515 | 10,550 | 10,615 |
| Front axle   | lb. | 6,250  | 6,390  | 6,435  | 6,540  | 6,550  | 6,600  | 6,705  | 6,715  |
| Rear axle    | lb. | 4,000  | 3,805  | 3,825  | 3,835  | 3,935  | 3,915  | 3,845  | 3,900  |

## ENGINE

|                         |  |
|-------------------------|--|
| Model                   | J08E-VC  |
| Type                    | Diesel 4-cycle, 6-cylinder in-line water-cooled, dry cylinder line |
| Combustion system       | Direct injection type  |
| Max. output (SAE Gross) | 220HP at 2,500 rpm   |
| Max. torque (SAE Gross) | 520 lb.-ft. at 1,500 rpm   |
| Bore and stroke         | 4.41 x 5.12 in.  |
| Piston displacement     | 8L   |
| Fuel injection system   | Common rail (HP-4)   |
| Governor                | Electronically controlled  |
| Intake system           | Turbocharged and intercooled                                       |
| Air cleaner             | Paper filter type (Donaldson)                                      |
| Fan clutch              | Bimetal thermostat sensor regulates fan speed                      |
| Glow plugs              | Standard   |
| Air compressor          | Single cylinder, 15 cfm @ 1,250 rpm                                |

## POWERTRAIN AND PERFORMANCE

|                                    |       |                          |      |      |                        |      |      |
|------------------------------------|-------|--------------------------|------|------|------------------------|------|------|
| GVW                                |       | 25,950 lbs.              |      |      |                        |      |      |
| GCWR*                              |       | 26,000 lbs.              |      |      | 33,000 lbs.            |      |      |
| Powertrain                         |       | STD                      | OPT  |      | OPT                    |      |      |
| Max. speed mph**<br>(programmable) |       | 75                       | 75   | 75   | 75                     | 75   | 75   |
| Startability (tan.θ) %             |       | 34.3                     | 31.2 | 32.3 | 39.6                   | 36.0 | 37.3 |
| Transmission                       | Model | Allison<br>2200 HS / RDS |      |      | Allison 2500 RDS       |      |      |
| Fluids                             |       | Synthetic                |      |      |                        |      |      |
|                                    | Type  | Six-speed<br>automatic   |      |      | Six-speed<br>automatic |      |      |
| Ratios                             | 1st   | 3.102                    |      |      | 3.512                  |      |      |
|                                    | 2nd   | 1.811                    |      |      | 1.896                  |      |      |
|                                    | 3rd   | 1.406                    |      |      | 1.439                  |      |      |
|                                    | 4th   | 1.000                    |      |      | 1.000                  |      |      |
|                                    | 5th   | 0.712                    |      |      | 0.737                  |      |      |
|                                    | 6th   | 0.610                    |      |      | 0.640                  |      |      |
|                                    | Rev   | 4.492                    |      |      | 5.086                  |      |      |
| Rear Axle Gear Ratios              |       | 5.57                     | 5.13 | 5.29 | 5.57                   | 5.13 | 5.29 |
| Tires (standard)                   |       | 11R22.5-14               |      |      |                        |      |      |

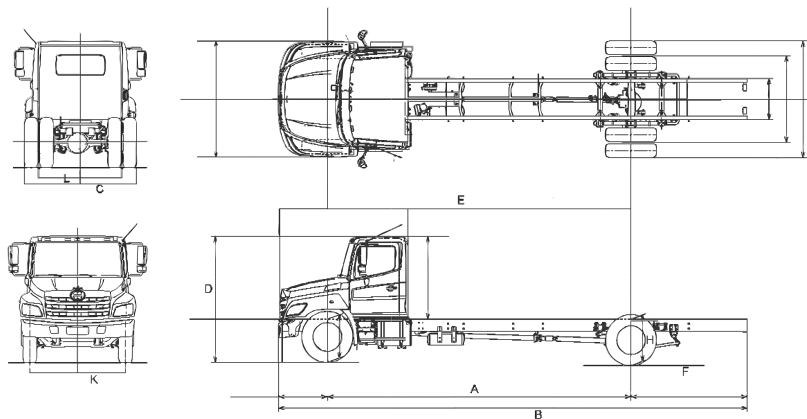
\*Condition is City delivery and 8% Max Grades

\*\* Max speed is limited by speed limiter.

## HINOWATCH (service free of charge)

3 year unlimited roadside assistance

- Lockout Service
- Battery Jumpstart
- Information
- Warranty Towing (2 year coverage)



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**WEIGHT CAPACITIES**

|              |      |        |
|--------------|------|--------|
| Front axle   | lbs. | 10,000 |
| Rear axle    | lbs. | 19,000 |
| Front spring | lbs. | 12,000 |
| Rear spring  | lbs. | 21,000 |

**LIQUID CAPACITIES**

|                |      |      |
|----------------|------|------|
| Fuel tank      | gal. | 50   |
| Cooling system | gal. | 6.6  |
| Engine oil     | qt.  | 16.2 |
| DEF tank       | gal. | 4.7  |

**AXLE / SUSPENSION**

|              |  |  |
|--------------|--|--|
| Front axle   | MFS-10 series reversed Elliot, "I" beam (oil lubricated type)  |  |
| Front spring | Taper-leaf springs shock absorber  |  |
| Rear axle    | RS19-145 series, full-floating, single reduction, single-speed by hypoid gearings with oil lubricated type |  |
| Rear spring  | Semi-elliptic leaf spring  |  |

**FRAME**

|  |          |                    |            |
|--|----------|--------------------|------------|
| Ladder type  |          | Straight C Channel |            |
| Width  | in.      | 34                 |            |
| Yield strength   | PSI      | 80,000             |            |
| Resistance bending moment (one side, no reinforcement) | in.-lbs. | 152"WB             | All Others |
|  |          | 1,280,800          | 1,031,900  |

**STEERING**

|                 |   |
|-----------------|---|
| Steering column | Tilt and telescopic with lock adjustability                   |
| Steering system | TRW recirculating ball, with hydraulic booster, integral type |

**WHEELS / TIRES**

|              |                           |
|--------------|---------------------------|
| 6 Wheels     | 22.5 x 8.25 10-stud disc. |
| Wheel style  | Steel, powder coated      |
| 6 Tires      | 11R22.5(G)                |
| Tire pattern | Fr-rib Rr-all season      |

**BRAKES**

|  |   |
|--|---|
| Service brake  | Full air, dual circuit, "S" cam type, leading and trailing shoes, with automatic adjustment |
| Drum diameter x lining width (in.) x thickness (in.) | Front: 15 x 4 x 0.73<br>Rear: 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  |
| Exhaust brake  | Electric-pneumatic with valve in exhaust pipe   |

**CHASSIS EQUIPMENT**

|                  |  |
|------------------|--|
| Radiator grille  | Chrome   |
| Fuel tank        | Aluminum   |
| Fuel pre-filter  | Heated fuel water separator - Davco                            |
| Reflectors       | Two rear, two front side                                       |
| Tow hook         | One at front   |
| Air dryer        | Bendix, heated   |
| Air tank         | 68L  |
| Clean chassis CA | Standard with 50 gal fuel tank mounted under cab (driver side) |

**CAB EQUIPMENT**

|                   |  |
|-------------------|--|
| Air conditioning  | Standard   |
| Cab construction  | All steel welded   |
| Cigarette lighter | Equipped   |
| Coat hook         | One (rear panel)   |
| Cruise control    | Standard   |
| Cup holders       | Standard   |
| Door pockets      | Two  |
| Driver's seat     | 2-way adjustable seat with arm rest and air suspension, covered with vinyl |
| Heater/Defroster  | 18,357 BTU/h   |
| Key plates        | Two key option   |
| Mirrors           | Four, 1-flat and 1-convex at each side                                     |
| Overhead consoles | Two  |
| Passenger's seat  | Bench type, covered with vinyl   |
| Seat belts        | 3-point type (outside), one 2-point type (inside)                          |
| Seating capacity  | Three  |
| Speakers          | Two  |
| Sun visors        | Two  |
| Windshield        | Tinted   |
| Windshield wipers | Dual electric, 2-speed/intermittent  |

**DASH INSTRUMENTATION**

|   |  |
|---|--|
| Meters and gauges                         | ft. lb. system                         |
|   | Speedometer-mph (km/h)                 |
|   | Odometer (mile)                        |
|   | Fuel gauge / DEF gauge                 |
|   | Coolant temperature gauge              |
|   | Engine tachometer                      |
| Warning and pilot lamps and buzzers/audio |  |
|   | 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               |
|   | Parking brake warning lamp             |
|   | Engine control system warning lamp     |
|   | ABS warning lamp                       |
|   | DEF quantity and quality audio         |
| Driver Information Display (multilingual) |  |
|   | Instant and trip fuel consumption      |
|   | DPR monitor                            |
|   | Maintenance                            |
|   | Engine/vehicle diagnostics             |

**ELECTRICAL EQUIPMENT**

|                                    |                                    |
|------------------------------------|------------------------------------|
| Batteries                          | Two, parallel connection, each 12V |
| Capacity                           | 1200 CCA                           |
| Alternator                         | 12 V, 130 A, brush Delco           |
| Starter                            | 12 V, 4.0 kW Denso                 |
| Car audio                          | AM/FM radio with CD player         |
| Headlamps                          | Daytime running                    |
| Back-up lamps                      |                                    |
| Dome lamp                          |                                    |
| Electric horn (dual)               |                                    |
| Front side marker lamps            |                                    |
| Side-flasher lamp                  |                                    |
| Stop/Tail lamps                    |                                    |
| Trucklite LED marker lamps (front) |                                    |

**OPTIONAL EQUIPMENT**

|   |
|---|
| 260 HP Engine   |
| Air horn  |
| Air ride suspension - Hendrickson   |
| Air ride suspension dump valve - Electric   |
| Alternator - 12 V, 135 A, brushless Delco   |
| Alternator - 12 V, 180 A, brush Delco   |
| Anti-Siphon device insert in fuel tank  |
| Back-up alarm   |
| Battery - Absorbed glass mat 31 configuration, 1850 CCA   |
| Battery - Three each 12 V (GR27x3)  |
| Battery - Two or three each 12 V (GR31 type)  |
| Bluetooth   |
| Bumpers; chrome, black, white   |
| 4 inch extensions   |
| Cab paint, exterior - Black or red (factory)  |
| Cold weather package <ul style="list-style-type: none"> <li>- Power heated mirrors (available in chrome)</li> <li>- Engine block heater only/Engine block heater and cable</li> <li>- Heated fuel filter</li> </ul> |
| Differential lock with controls   |
| Engine block heater   |
| Engine idle shutdown  |
| Exhaust system - Vertical stack type  |
| Extra switch - dome light switch  |
| Fuel tank - Dual 50 gal   |
| Fuel tank - Single 90 gal. (except on G wheelbase)  |
| Hino INSIGHT Telematics System  |
| Keyed alike - Matching key codes  |
| Keyless Entry   |
| Key plates four key option  |
| Manual Windows/Door Locks   |
| Mirrors, fender mounted - Chrome (both sides or passenger only)   |
| Mirrors, outside rearview - Chrome  |
| Mirrors, power heated (available in Chrome)   |
| Orange seatbelts  |
| Power windows and power door locks (available with keyless entry)   |
| Programmable speed limit 65, 70 mph   |
| Rear help spring - Sub leaf type  |
| Seats - Fabric with reclining single person passenger seat  |
| Seats - Vinyl with reclining single person passenger seat   |
| Seats - Fabric with two person bench seat   |
| Sears seat - Vinyl black or fabric black/silver (upgrade driver seat only or with passenger seat upgrade)   |
| Shock absorbers, rear   |
| Stabilizer, rear (leaf suspension only)   |
| Synthetic fluids - Rear differential  |
| Tire pattern - Rib on rear  |
| Tire size - 255/70R22.5-16(H)   |
| Transmission, automatic - Allison 2200 RDS  |
| Transmission, automatic - Allison 2500 RDS  |
| Wheels - Alcoa polished aluminum  |
| Wheels - Powder coated gray   |

**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. Some optional items of equipment may require extra time due to the need for their adaption on the product line.