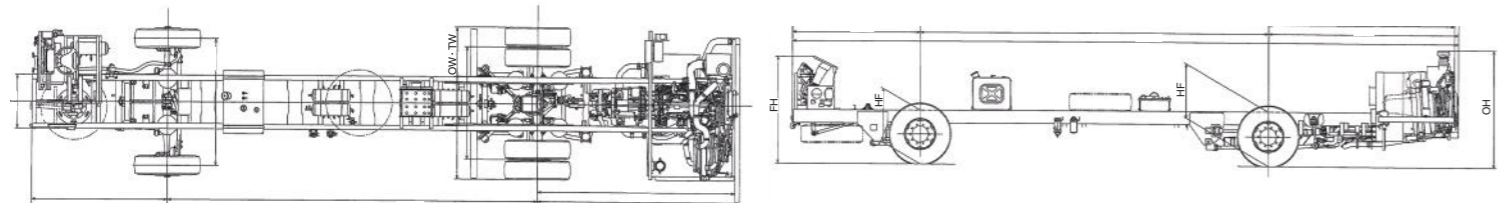


# SPECIFICATION

| ITEM  |                               | RN8JSPA   |  |        |
|---|-------------------------------|---|--|--------|
| ENGINE  | MODEL                         | J08E-WK (EURO 2)  |  |        |
|   | TYPE                          | Diesel, 4-cy, vertical, 6-cyl. in-line, overhead camshaft, water cooled, direct Injection                       |  |        |
|   | DISPLACEMENT                  | cc  | 7,684  |        |
|   | MAX OUTPUT (JIS GROSS)        | kW(PS)/rpm  | 210 (285) / 2,500  |        |
|   | MAX. TORQUE (JIS GROSS)       | Nm(kgfm)/rpm  | 892 (91.0) / 1,500   |        |
|   | BORE & STROKE                 | mm  | 112 x 130  |        |
|   | FUEL INJECTION SYSTEM         | Electronic control Commonrail type  |  |        |
|   | AIR INTAKE SYSTEM             | Turbo charge intercooled  |  |        |
| MAX. ENGINE SPEED                                     | rpm                           | 2,750   |  |        |
| CLUTCH  | TYPE                          | Dry single plate with damper spring   |  |        |
|   | DIAMETER                      | mm  | 380  |        |
| TRANSMISSION  | MODEL/NO. OF SPEED            | ZF 6S1010BO / Manual 6-Speed  |  |        |
|   | TYPE                          | Six (6) forward and one (1) reverse, overdrive, synchromesh 1 <sup>st</sup> - 6 <sup>th</sup>                   |  |        |
|   | RATIO (1 <sup>ST</sup> - TOP) | 6.750 / 0.780   |  |        |
| AXLE  | FRONT                         | TYPE  | Reversed Elliot, "I" section beam                                    |        |
|   |                               | CAPACITY  | kg   | 6,500  |
|   | REAR                          | TYPE  | Full floating, single reduction, single speed by hypoid gearing      |        |
|   |                               | CAPACITY  | kg   | 10,000 |
| BRAKE   | SERVICE BRAKE TYPE            | "S" cam type, leading & trailing shoes for front and rear wheels  |  |        |
|   | SERVICE BRAKE CONTROL         | Full air, dual circuits with Antilock Braking System (ABS)  |  |        |
|   | PARKING BRAKE TYPE            | Spring brake acting on rear wheels  |  |        |
|   | AUXILLIARY BRAKE TYPE         | Transmission Retarder   |  |        |
| SUSPENSION  | FRONT                         | TYPE  | Air bag suspension with double acting shock absorbers and stabilizer |        |
|   | REAR                          | TYPE  | Air bag suspension with double acting shock absorbers and stabilizer |        |
| FRAME   | FRAME WIDTH                   | mm  | 870  |        |
|   | HEIGHT x WIDTH x THICKNESS    | mm  | 224 x 75 x 8.0   |        |
| CABIN   | STEERING                      | Telescopic & tilt steering column with locking device, recirculating ball with hydraulic booster, integral type |  |        |
| WHEELS & TIRES  | WHEEL TYPE                    | 10 stud disc wheels   |  |        |
|   | RIM SIZE                      | 22.5 x 8.25 - 165mm   |  |        |
|   | TIRE SIZE                     | 11R22.5-16PR  |  |        |
| ELECTRICAL  | TYPE                          | 24V, Negative Earth   |  |        |
|   | BATTERIES                     | 12V x 2, Series connection  |  |        |
|   | ALTERNATOR CAPACITY           | 24V - 140 Amps  |  |        |
| FUEL TANK CAPACITY                                    | L                             | 350   |  |        |
| <b>PERFORMANCE</b>                                    |                               |   |  |        |
| G.V.W Rating  | kg                            | 16,000  |  |        |
| PERFORMANCE   | MAX SPEED                     | mm  | 100 (*with Speed Limiter)  |        |
|   | GRADEABILITY                  | (tan Ø) %   | 39.4   |        |
| TRANSMISSION RATIO                                    | MODEL                         | ZF 6S1010BO   |  |        |
|   | 1st                           | 6.750   |  |        |
|   | 2nd                           | 3.600   |  |        |
|   | 3rd                           | 2.130   |  |        |
|   | 4th                           | 1.390   |  |        |
|   | 5th                           | 1.000   |  |        |
|   | 6th                           | 0.780   |  |        |
| REVERSE   | 6.060                         |   |  |        |
| REAR AXLE   | MODEL                         | SHB17   |  |        |
|   | RATIO                         | 5.428   |  |        |
| <b>DIMENSION &amp; MASS</b>                           |                               |   |  |        |
| CHASSIS MASS (with std tool set & without spare tire) | FRONT AXLE                    | kg  | 1,480  |        |
|   | REAR AXLE                     | kg  | 3,935  |        |
|   | TOTAL                         | kg  | 5,415  |        |
| DIMENSION   | WHEELBASE                     | WB  | mm   | 6,000  |
|   | OVERALL LENGTH                | OL  | mm   | 11,470 |
|   | OVERALL WIDTH                 | OW  | mm   | 2,430  |
|   | OVERALL HEIGHT                | OH  | mm   | 2,015  |
|   | FRONT OVERHANG                | FOH   | mm   | 2,200  |
|   | REAR OVERHANG                 | ROH   | mm   | 3,270  |
|   | FRONT TREAD                   | FT  | mm   | 2,040  |
|   | REAR TREAD                    | RT  | mm   | 1,820  |
|   | TURNING RADIUS (ON TIRE)      |   | mm   | 9,500  |

HINO MOTORS SALES (MALAYSIA) SDN. BHD. is engaged in an ongoing research and development program, and reserves the right to change specification without prior notice in order to pass on to the customer any resulting advances or technical refinements. All specifications of the product are within normal manufacturing allowances and tolerances.



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Ver. 02/4.2018



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**WARRANTY\***  
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or 100,000KM

**BREAKDOWN**  
**24 HOURS SERVICE**  
Applicable to West Malaysia  
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Terms and Conditions apply\*

**RN8JSPA 285ps**

Designed **GVW 16,000kg**

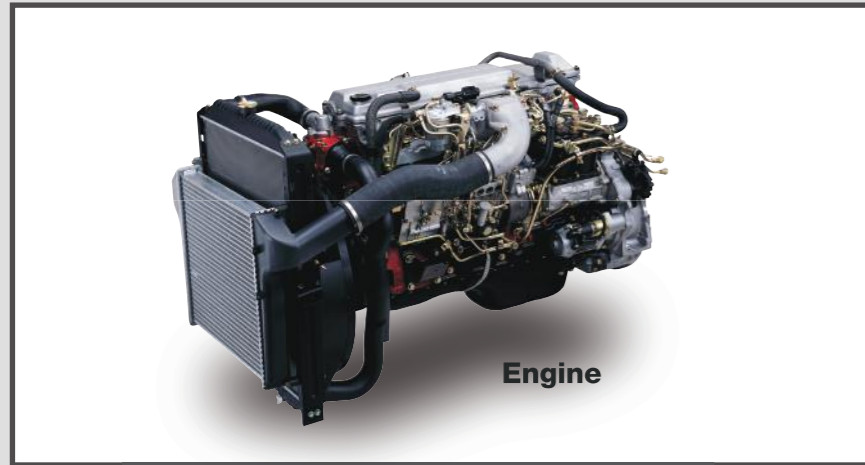
**12 meters**

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## PERFORMANCE



Engine

**EURO 2**

**J08E-WK**

Displacement :  
7,684cc, 4-cycle vertical,  
6-cylinder in-line,  
Electronic Control Commonrail

Output (kW/rpm):  
210kW (285PS)/ 2,500rpm

Torque (Nm/rpm):  
892Nm (91.0kgfm)/ 1,500rpm

## COMFORTABILITY



### Passenger Seat

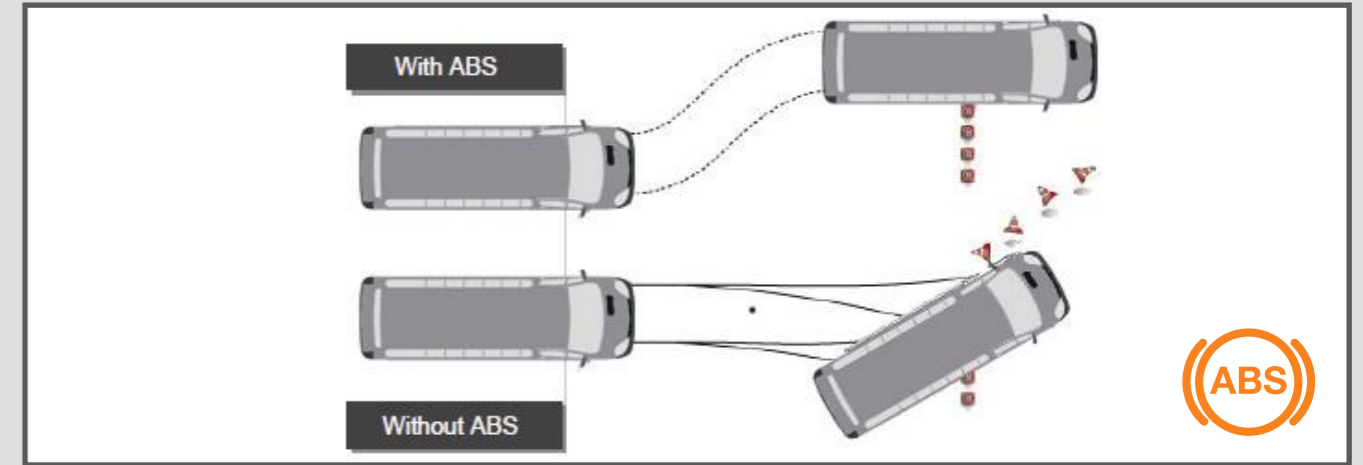
Seat for passenger can be arranged up to 40 - 44 seater.



### Air Suspension

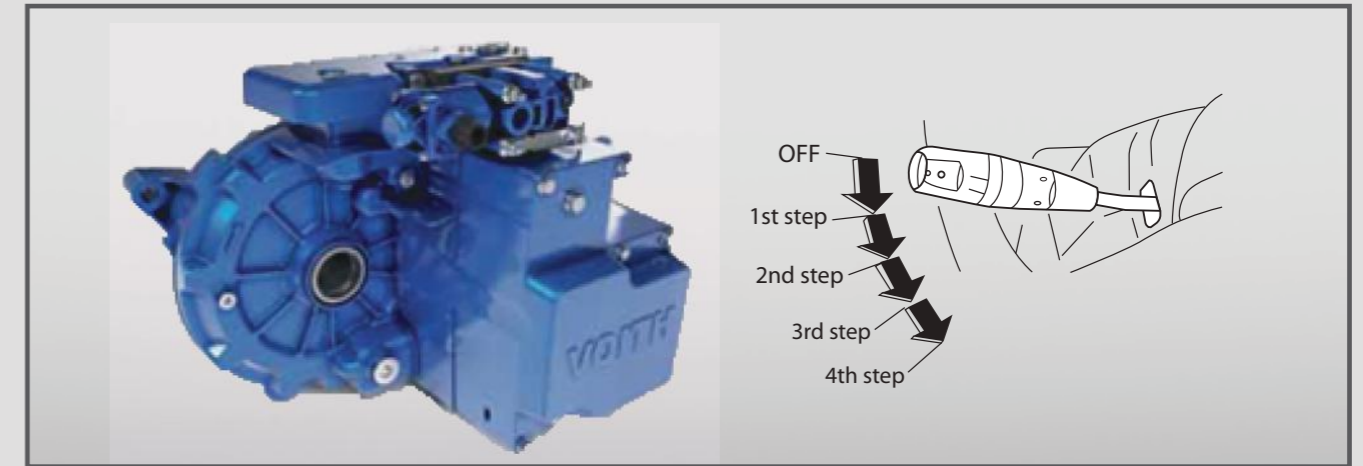
Superior shock absorbing capability provides the best in comfort and ride quality. Equipped with 2 air bellows in front and 4 air bellows in rear.

## SAFETY



### Antilock Braking System (ABS)

ABS helps the driver maintain control of the vehicle when braking on a slippery surface by selectively controlling the braking force of individual wheel in order to prevent the wheels from locking.



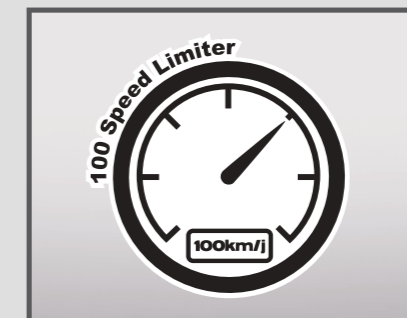
### Retarder

Secondary deceleration device that is economic and safe for braking, reducing use and heating of service brake.



### Full Air Brake System

The air brake system is an effective, very durable braking system for use in high mileage or extreme operating condition.



### Speed Limiter 100km/h

To improve safety by limiting the top speed of vehicle. It reduces overall crash risk and likely to lessen severity of crash. Reduces fuel consumption & maintenance costs due to driving in optimum speed.



### Tilt and Telescopic Steering

The steering wheel is equipped with tilt-adjustment and telescoping functions.