

# HINO AK8J BUS CHASSIS

## Chassis Specification

**Model:** AK8J (R.H.D, 4X2) bus chassis

**GVW:** 14.000 kgs.

### Engine Details:

**Engine Model:** Hino JO8E-UH (EURO II).

**Type:** Diesel, turbo charged and intercooled, 4- cycle, 6-cylinder, vertical, in-line, overhead camshaft, water cooled, direct injection type.

**Max. output:** 215PS @ 2,500 rpm

**Max. torque:** 62.0 kgf.m @ 1,500 rpm

**Displacement:** 7.684 L

### Clutch:

Dry single plate with damper springs, hydraulic control with air booster.

**Clutch size:** 350 mm

### Service Brake:

Air-over-hydraulic, dual circuits leading & trailing shoes for front and rear.

### Suspension:

#### Front & Rear:

Semi-elliptic leaf springs with double acting shock absorbers and stabilizer.

### IMPORTANT.

- The vehicle mass may vary when optional equipment & items are fitted.
- All specifications are with normal manufacturing allowances and tolerances.
- Hinopak Motors Ltd. reserves the right to alter this specification without notice.



### Transmission:

Six forward & one reverse speeds, direct drive, synchromesh 2nd ~ 6th, with mechanical control.

1st - 7.663 & 6th - 1.000

Rear axle ratio - 5.125

### Steering:

Telescopic and tilt steering column with locking device. Recirculating ball with hydraulic booster, integral type.

### Wheel & Tire:

**Size:** 10.00-20-16PR.

**Wheel Type:** 8-stud disc wheels (JIS type)

**Disc size:** 7.50 x 20

**No. of tires:** 7 (including one spare tire)

### Dimension Chassis:

Dimension \ Chassis	Units	AK8JM	AK8JR
Wheel base	mm	5,000	5,800
Overall length	mm	10,190	11,190
Overall width	mm	2,420	2,420
Road clearance	mm	240	240
Turning Radius	mm	8,600	9,900
Max Speed	km/hr	112	112
Gradeability (tan θ)	%	32.6	32.6

### Electrical Equipment:

**Batteries:** 02 Nos. series connection, each 12V, 100 AH at 20- hour rate.

**Alternator:** 24V, 60A