

# CHASSIS SPECIFICATIONS

Model: **FG8JKLB - Truck**  
(Right-hand drive) Truck Chassis  
GVW: 18,000 Kgs.

## GEAR RATIOS & PERFORMANCE

|                                           |                 |              |
|-------------------------------------------|-----------------|--------------|
| Drive                                     | 4x2             |              |
| Control                                   | Forward         |              |
| Max. speed (km/h)                         | 94              |              |
| Max. Grade ability (tanθ) % at rated GVW. | 37.7%           |              |
| Transmission gear ratios & speeds         |                 | MF06S Ratios |
|                                           | 1 <sup>st</sup> | 8.189        |
|                                           | 2 <sup>nd</sup> | 5.340        |
|                                           | 3 <sup>rd</sup> | 3.076        |
|                                           | 4 <sup>th</sup> | 1.936        |
|                                           | 5 <sup>th</sup> | 1.341        |
|                                           | 6 <sup>th</sup> | 1.000        |
|                                           | Rev.            | 7.142        |
| Rear axle ratio SH17                      | 5.857           |              |

## ENGINE

Model Hino J08E (**EURO II**)  
Type Diesel, Turbo Charged and Intercooled, 4-stroke, 6-cylinder, Vertical, in-line, overhead Camshaft, Water cooled, direct injection type

Max. Output 240 PS @ 2,500 rpm  
Max. Torque 74.0 kgf.m @ 1,500 rpm  
Displacement 7.684 L  
Cold start device Equipped

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

Clutch Dia. 380 mm.

**TRANSMISSION** Six forward speeds one reverse, direct drive, synchromesh 2<sup>nd</sup> ~ 6<sup>th</sup>. Mechanical control with power shift.

**REAR AXLE** Full-floating, single reduction, single speed by hypoid gearing.

Axle capacity 12,000 kg.

**FRONT AXLE** Reverse Elliot "I" section beam.

Axle capacity 6,000 kg.

**SERVICE BRAKE** Full air, S-cam, leading and trailing shoes. Dual circuit with **ABS system**.

**PARKING BRAKE** Equipped.

**EXHAUST BRAKE** Electro-pneumatic.

**STEERING** Telescopic and tilt steering column with Recirculating ball. Integral power steering.

## SUSPENSION

Front Semi-elliptic leaf springs with shock absorbers.  
Rear Semi-elliptic main & auxiliary leaf springs.

## WHEEL AND TIRE

Tire Size 10.00-20-16PR  
Wheel Type 10-stud disc wheels (ISO - type)  
Disc size 7.5T× 20 – offset 162 mm  
No. of tires 7 (including one spare tire)

## FUEL TANK

Capacity 400 litres.

**CHASSIS FRAME** Ladder-shaped "I" section.

## CAB

All steel welded construction with torsion bar tilt mechanism. Reinforced cab with additional Safety door impact beams in doors. Seat belts & Individual windshield washers. Metallic paint on cabin

Seating capacity Three

## ELECTRICAL EQUIPMENT:

Batteries Two, series connection, each 12V, 120 AH at 20-hour rate.

Alternator 24V, 60A

## DIMENSIONS AND WEIGHTS (Chassis only) approx.

|                               |       |    |       |
|-------------------------------|-------|----|-------|
| Wheelbase                     |       | mm | 4,600 |
| Weight                        | Total | kg | 5,430 |
|                               | Front | kg | 2,960 |
|                               | Rear  | kg | 2,470 |
| Overall length                |       | mm | 8,010 |
| Overall width                 |       | mm | 2,440 |
| Overall height                |       | mm | 2,645 |
| Cab to axle                   |       | mm | 3,795 |
| Overhang                      | Front | mm | 1,235 |
|                               | Rear  | mm | 2,175 |
| Turning radius (on tire)      |       | mm | 8,000 |
| Road clearance (at.diff.case) |       | mm | 255   |

## IMPORTANT

1-The vehicle mass may vary when optional equipment & items are fitted.

2- All specifications are with normal manufacturing allowances and tolerances.

3- Hinopak Motors Ltd. reserves the right to alter this specification without prior notice.