



Mitsubishi Rosa^{BE637JLMSH}

**Egyptian Vehicles Manufacturing Company
Ghabbour Egypt**

KM 3 Cairo – Alexandria Agricultural road
Qalioub, Egypt

Ghabbour Egypt

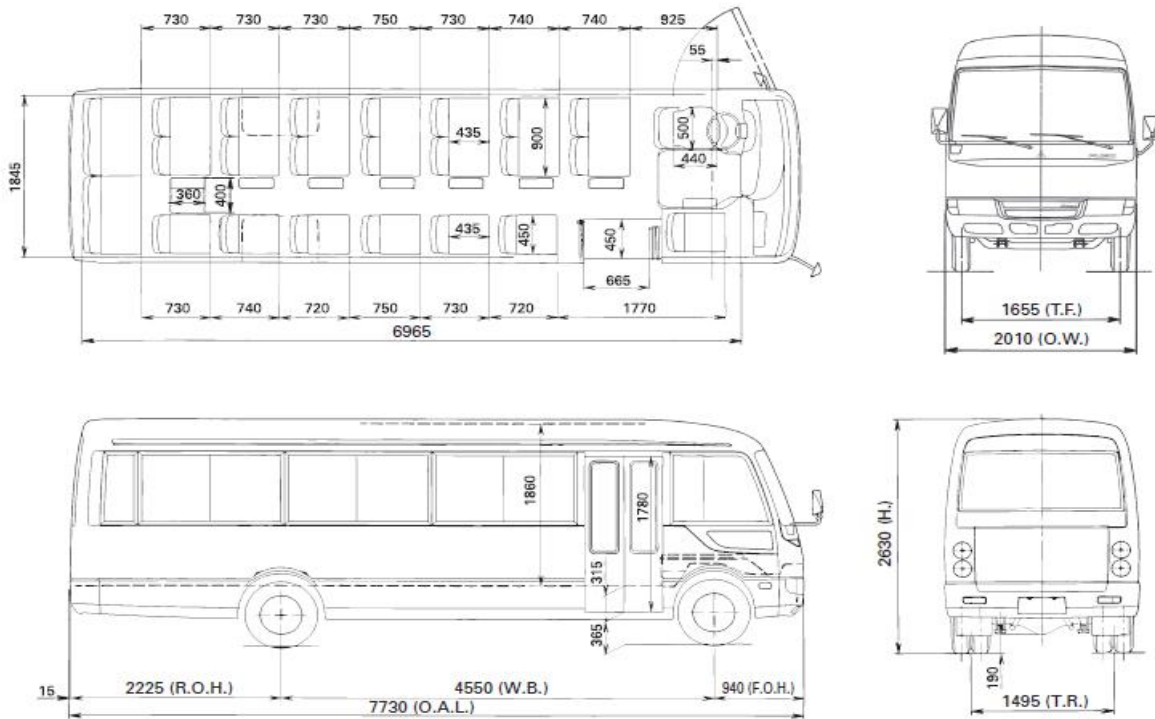


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Rosa

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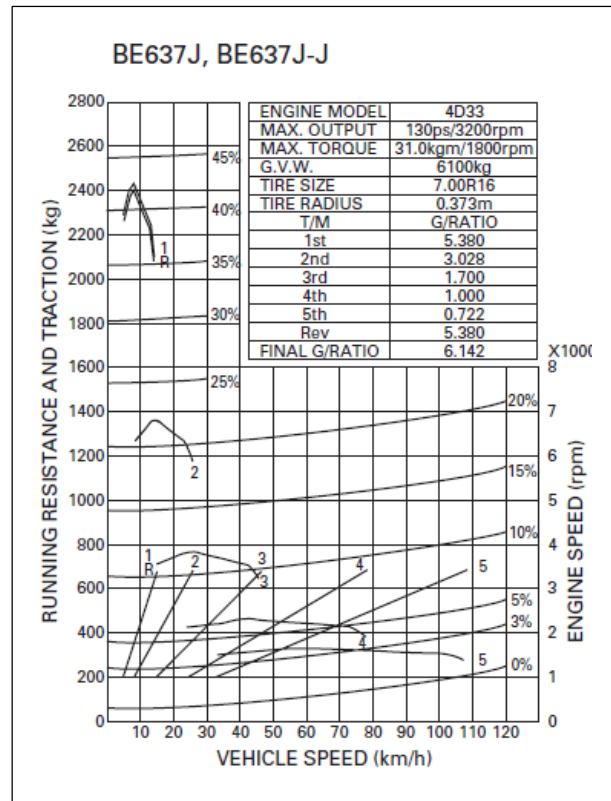
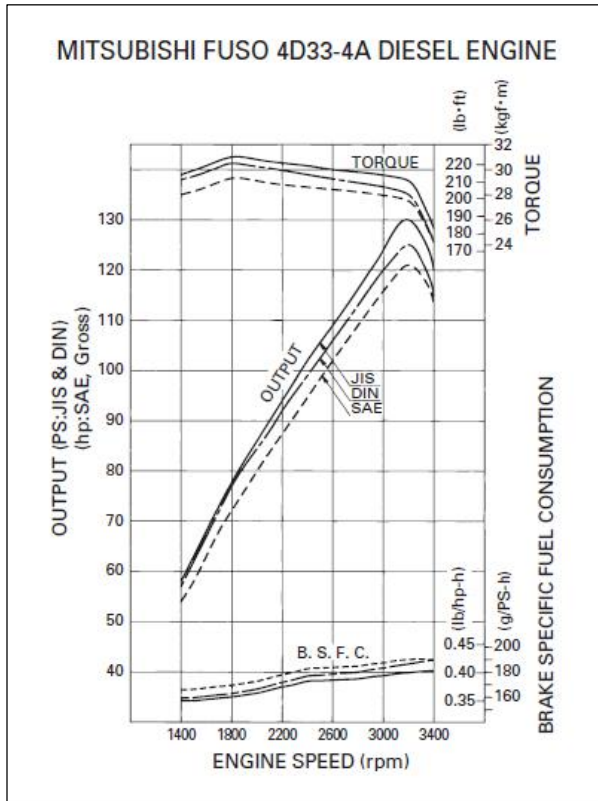
VEHICLE DIMENSIONS, WEIGHTS AND PERFORMANCE

- MODEL: BE637JLMSH STANDARD WITH COOLER
- Seating Capacity: 34
- Dimensions mm:
 - Wheelbase (W.B.) 4,550
 - Overall length (O.A.L.) 7,730
 - Overall width (O.W.) 2,010
 - Overall height, approx. (H.) 2,630
 - Tread, front (T.F.) 1,655
 - rear (T.R.) 1,495
 - Ground clearance, approx. 190
 - Body inside length 6,965
 - Width 1,845
 - Height 1,860
 - Front overhang (F.O.H.) 940
 - Rear overhang (R.O.H.) 2,225
- Weights kg:
 - Empty vehicle weight 3,770
 - Front 1,810
 - Rear 1,960
 - Max. G.V.W. 6,100
 - Front 2,460
 - Rear 3,800
- Calculated Performance:
 - Max. speed km/h 105
 - Max. grade ability (tan θ) 42.0
 - Min. turning radius m 7.7

ENGINE SPECIFICATIONS

- Engine Model: MITSUBISHI FUSO 4D33-4A
- Type: 4 stroke-cycle, water-cooled direct injection diesel engine
- Bore x Stroke: 108 mm x 115 mm
- Compression Ratio; 18 : 1
- Max. Output: 96 kW (130 PS) (JIS)
- Max. Torque: 304 N. m (31.0 kg. m) (JIS)
- Injection pump: Bosch type, 4 plungers in line
- Starter: DC 24 Volt, 3.2 kW

ENGINE Drawings



CHASSIS SPECIFICATIONS

- Clutch:
 - o Model: C4W30
 - o Type: Hydraulic control, with power booster, diaphragm spring, single dry plate
- Transmission:
 - o Model: M035S5
 - o Type: 5 forward and 1 reverse speed, 1st to 5th and Rev. synchromesh gears
 - o Gear ratios: 5.380-3.028-1.700-1.000-0.722, Rev. 5.380
- Propeller Shaft:
 - o Model: P3
 - o Type: Tubular, forged steel ends with center bearing
 - o Size: Pipe outside dia. 82.6 mm (3.25 in.), Thickness 2.3 mm (0.09 in.)
 - o Joints: Universal joint with needle roller bearings

- Rear Axle:
 - Model: R030B
 - Type: Full floating type
 - Capacity: 3,800 kg
 - Final reduction gear: Single reduction, hypoid gear
 - Ratio: 6.142

- Front Axle:
 - Model: F020B
 - Type: Reverse Elliot, "I" beam
 - Capacity: 2,500 kg

- Tires and Disc Wheels
 - Tire size:
 - Front: Single 7.00R16-12PR
 - Rear: Dual 7.00R16-8 PR
 - Disc wheel size: 16 x 5.50F, 5 studs, 2 pieces

- Steering System:
 - Type: Ball-nut type with integral type hydraulic power booster. Tilt steering column with steering lock
 - Steering wheel dia.: 400 mm

- Brakes
 - Service Brake:
 - Actuation: Hydraulic with vacuum servo assistance, dual circuit
 - Parking Brake:
 - Actuation: Internal expanding type on propeller shaft at rear of transmission
 - Exhaust Brake: Vacuum operated, butterfly valve type

- Suspensions:
 - Springs: Parabolic, Laminated leaf springs
 - Shock absorbers: Hydraulic double acting telescopic type on front and rear axles
 - Stabilizer: Torsion bar type on front axle and rear axle

- Fuel tank: 100 lit. (dm³)

- Electrical System
 - Batteries: 12 Volt x 2, 60 Ah (216 kC) at 20 hr rate (55D26R)
 - Electrical Equipment:
 - Meters: Fuel gauge, Speedometer (km/h) with odometer and trip meter, Water temp. Gauge
 - Warning lamps and indicators:
 - High beam/passing
 - Oil pressure/filter blockage
 - Turn signal/hazard
 - Vacuum pressure
 - Alternator
 - Brake fluid level/parking brake
 - Door opening
 - Exhaust brake
 - Appointments:
 - Ashtray
 - Glove box
 - Combination switch
 - Horn: Single, electric type

 - Chassis Equipment:
 - One hook at front
 - Spare tire and spare tire carrier
 - Tool for changing tire including 4,000 kg hydraulic jack
 - Reverse warning buzzer
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