

# ROSA.

## MANUAL OR AUTO / STD. OR DELUXE

People (Inc. driver)

**22 OR 25**

Length

**7.0M OR 7.7M**

Power/Torque

**110KW/441NM**

Light rigid licence required



**BEST SELLING BUS IN ITS CLASS**

[fuso.com.au](http://fuso.com.au)

**FUSO**

SPECIFICATIONS

MODEL

- A

Standard LWB 25 Seat Manual (BE64DJRMBFAE)
- B

Standard LWB 25 Seat Automatic (BE64DJRMBFAF)
- C

Deluxe SWB 22 Seat Manual (BE64DGRMDFAE)
- D

Deluxe SWB 22 Seat Automatic (BE64DGRMDFAF)
- E

Deluxe LWB 25 Seat Manual (BE64DJRMDFAE)
- F

Deluxe LWB 25 Seat Automatic (BE64DJRMDFAF)

LENGTH

7.7M

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7.0M

7.0M

7.7M

7.7M

CONFIGURATION

Low Back Vinyl Bench Seats with Lap Seat Belt

Low Back Vinyl Bench Seats with Lap Seat Belt

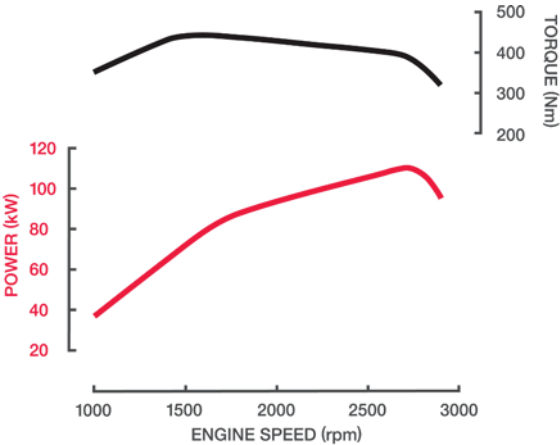
High Back Fabric Seats with Lap/Sash Seat Belt

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ENGINE	
Engine Version	FUSO 4M50-4AT4 Diesel
Configuration	4 Cyl. In-line DOHC, 4-Valve
Type	Waste-gate Turbocharged & Air to Air Intercooled
Displacement	4.9 litre (4899cc)
Bore	114mm
Stroke	120mm
Power (ECE R85-00)	110kW @ 2700 rpm
Torque (ECE R85-00)	441Nm @ 1600 rpm
Maximum Engine Speed	2900 rpm
Compression Ratio	17.5:1
Cooling System / Oil Cooler	Water cooled, 17.0L capacity/ Plate type engine oil cooler
Air Cleaner	Dry Paper Element. Forward Mounted Intake System
Emission Control	Silicon Carbide DPF & Catalytic Converter
Emission Level	ADR 80/03 - JP05



FUEL	
Injection System	Bosch Common Rail Electronic Direct Injection
Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity *	100 Litres
Filtration	Main Filter with Water Separator Function
Speed Limiter	Speed Limited 100km/h
Notes	*Max Fill to approx 95% of Air Capacity

COOLING	
Fan Drive	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

ELECTRICAL	
Voltage	24V Negative Earth
Alternator Capacity	24V-80 amp
Battery Capacity	2x12V, 52Ah/5hr in Parallel
Headlamp Capacity	Low beam 2x70W High beam 2x70W

CLUTCH		
Clutch Model	A C E FUSO C5W33	B D F N/A
Type	Single dry plate	N/A
Operation/Specification	Hydraulic Control with Pedal Power Booster	N/A

TRANSMISSION		
Version	A C E FUSO Manual M036S6	B D F Aisin Seiki Co.,Ltd. Automatic M036A6
Type/Speeds	6 Speed	6 Speed
Features	Synchromesh 1st-6th	Torque Converter Ratio: 1.65:1. Lock-up clutch 2nd~6th. Chassis Mounted Transmission Cooler.
Ratios	1st: 5.175 2nd: 2.913 3rd: 1.682 4th: 1.000 5th: 0.793 6th: 0.669 Rev. 5.1759	1st: 3.742 2nd: 2.003 3rd: 1.343 4th: 1.000 5th: 0.773 6th: 0.643 Rev. 3.539
Park Interlock	N/A	Ignition Key (On) & Foot Brake Activated

FRONT SUSPENSION	
Type	Independent Double Wishbone with Coil springs, Transverse Leaf Spring and Double Acting Shock Absorbers

REAR AXLE	
Type	Full Floating Hypoid
Capacity*	3800kg
Ratio	4.875:1
Notes	*See MAX LOADING for vehicle capacity.

REAR SUSPENSION	
Type	Steel Suspension
Details	Long Taper with Stabiliser Bar and Shock Absorbers

MAX LOADING		
Front	A B E F 2600kg	C D 2440kg
Rear	3800kg	3600kg
Total	6285kg	5900kg

OPTIONS	
Options	Deluxe Model Option Only (R13): High Back Vinyl Passenger Seats & Seatbelts

STEERING	
Type	Rack & Pinion with Integral Power Assistance
Steering Column	Tilt Adjustable with Steering Lock

BRAKES	
Type	Dual Circuit Vacuum/Hydraulic with ABS Front: Twin Caliper Ventilated Disc with Visual Wear Indicators Rear: Drum with Automatic Adjustment
Park Brake	Transmission

WHEELS & TYRES	
Wheel Type	Steel Disc 16x5.5K
Tyre Size All	Michelin Tyres XJE4 Mix Energy 205/85R16LT 117/115L
Spare Tyre Carrier	Provided

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CHASSIS

Type	Parallel Tapered Channel with Cross Members
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INSTRUMENTS

Gauges	Speedometer with LCD Odometer & Dual Tripmeter Tachometer (Yellow Zone indicates safe exhaust operating zone) Fuel Level Water Temperature	
Warning Lamps	A B ABS & Front Disc Wear. Oil Pressure. DPF Indicator.	C D E F ABS & Front Disc Wear. Oil Pressure. DPF Indicator. Door Interlock.

MULTI-MEDIA PACKAGE

Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates
Colour Display	6.1 inch LCD with touch screen control
Phone Connectivity	Bluetooth® hands free
Audio Visual Entertainment	CD/DVD player Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB port for iPod® * & other devices
Reversing Camera Compatible	1 Reverse Camera fitted as standard Display can accept up to 2 additional cameras#
Notes	* iPod® compatibility requires an additional licenced cable # Cameras available through spare parts

EXTERIOR

Windscreen	Laminated Tinted with Darker Upper Band
Side Windows	Fixed Type with Dark Tint
Body Colour	Rising White with Colour Code Bumpers Black Side Window Sash
Towing Hook	Front

INTERIOR

Lighting	Access Step Light & 3 Interior Lights
Floor	Heavy Duty Vinyl Floor Covering

SAFETY (ACTIVE)

Brakes	ABS Exhaust Brake Disc Brake Front End
Reverse Warning	Buzzer
Passenger Access Door	Accelerator Interlock & Pre-Warning Buzzer

SAFETY (PASSIVE)

Body Strength	Fully ADR59/00 Roll Strength Compliant
Emergency Exits	4 Exits (1 LH & 2 RH Windows with Emergency Hammers)
Emergency Operational Decals	Internal & External
Rear Swing Door Direction	Outward Opening
Rear Door Locking	Automatic when Ignition Key in Off Position
Seat Belts - Driver & Driver Assistant	3 Point ERL Lap Sash
Fire Extinguisher	Provided

DRIVER COMFORT & FEATURES

Driver's Seat	Low Back Sliding with Head Rest Adjustable Height & Back Angle
Visibility Mirrors	LH & RH External Rear View Additional Front Left Clearance Internal Rear Vision Rear Mounted Reversing
General	Power Driver's Window. Integrated PA System with Microphone. Cup Holder. Sun Visors (Driver and Front Passenger). Central Locking. Accessory Power Outlet / Cigar Lighter Ashtray.

AIR CONDITIONING (SEPARATE UNIT)

Control	Manual
Capacity	10800 kcal/hr
Distribution	Integrated Roof Ducts located throughout Cab
Intake	Switchable Fresh Air Duct on Roof at Rear of Cab

CABIN HEATING / DEMISTING

Heaters	Forward Cabin plus Passenger Units throughout Cab
Demisters	Forward and Rear Cabin

PASSENGER ACCESS & SEATING

Passenger Door	A B Bi Fold Vacuum Automatic	C D E F Swing Type Electric Automatic with Step Illumination light & Dash Interlock Warning
Passenger Seats	Fixed Low Back	Fixed High Back
Passenger Seat Type	LH single, RH Bench	All Individual (6 Child Restraint Anchorage Points included)
Seat Belts	ERL 3 Point Drivers Assistant Only ERL 2 Point for Other Seats	ERL 3 Point Lap Sash (ADR68/00)
Trim	Vinyl	Fabric, Colour Medium Beige
Grip Handles	Rear Seat (Except above Wheel Arch)	N/A
Interior	Semi-trimmed	Fully trimmed including Side Windows, Rear Pillars & Emergency Door surrounds
Other	N/A	Black Exterior Front & RH Door Panel Inserts
External Trim	N/A	O/Head Storage above Windscreen with Centrally Mounted Clock
Modesty Panel - Front Passenger Seat	Front Passenger Seat	

SERVICE INTERVALS

Interval*	10,000km, 12 Months or 200 Hours (whichever occurs first)
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.

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## WARRANTY

Basic/Powertrain	3 Years, 100,000kms or 2,000 operating hours (whichever occurs first)
Cab Perforation/Anti Corrosion	3 Years

## ATM (TOWING CAPACITY)

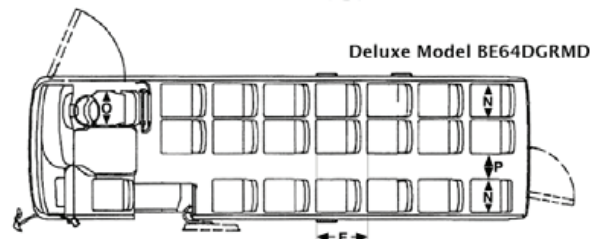
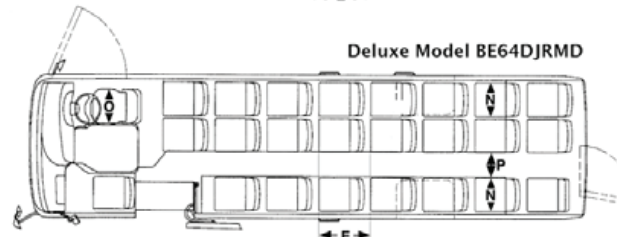
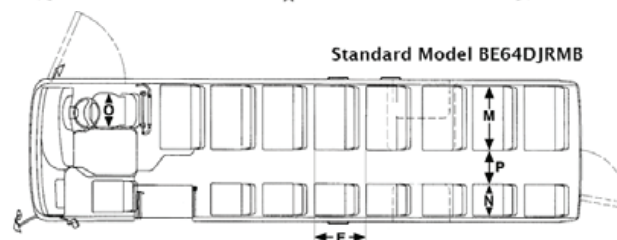
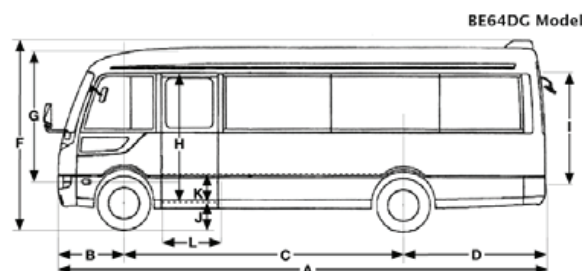
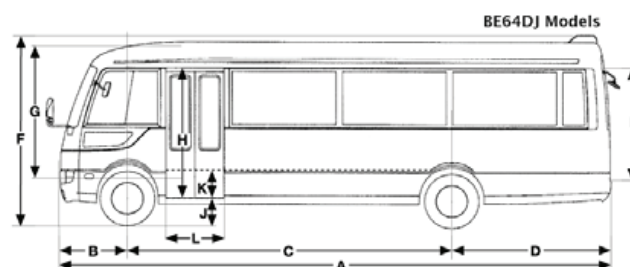
Without Trailer Brakes	715kg			
With Trailer Brakes	<b>A E</b>	<b>C</b>	<b>D</b>	<b>B F</b>
	1615kg	2000kg	1100kg	715kg

## PERFORMANCE

Turning Circle (kerb to kerb)	<b>A B E F</b>	<b>C D</b>
	14.4m	12.8m

## DIMENSIONS (MM)

	<b>A B</b>	<b>C D</b>	<b>E F</b>
Width Overall (excluding mirrors)	2070	2070	2070
Width Front Track	1655	1655	1655
Width Rear Track	1495	1495	1495
A - Length Overall (B+C+D)	7730	6990	7730
B - Length Front Overhang	940	940	940
C - Length Wheelbase	4550	3995	4550
D - Length Rear Overhang	2240	2040	2240
E - Length Passenger Seat Pitch Approx	725	720	720
F - Height Overall	2755	2755	2755
G - Height Floor to Headliner	1860	1860	1860
H - Height Access Door	1755	1690	1755
I - Height Emergency Exit	1480	1480	1480
J - Height First Access Door Step to Ground	380	395	380
K - Height Second Access Door Step to Floor	290	270	290
L - Width Door Access	665	600	615
M - Height Passenger Seat - Right Hand Bench	900	N/A	N/A
N - Height Single	450	465	465
O - Height Driver's Seat	500	500	500
P - Height Passenger Aisle	445	401	401



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