

# ROSA BUS

**CUSTOM OR SCHOOL MODELS • AUTO**



**Power/Torque:**  
110kW/441Nm



**Passengers:**  
25



**Body Length:**  
7.7m

- Best-selling bus in its class
- Multi-media audio system with integrated PA
- Passenger car licence options
- Bench and individual seat options

# SPECIFICATIONS - ROSA BUS

## MODEL

School Bus 25 Seat Automatic  
Custom Bus 25 Seat Automatic

BE64DJRMBFAF(S)  
BE64DJRMBFAF(C)

## LENGTH (m)

7.7  
7.7

## CONFIGURATION

Low Back Vinyl Bench Seats  
High Back Cloth Bucket Seats

## ENGINE

Engine Version	FUSO 4M50-4AT4 Diesel
Configuration	4 Cyl. In-line DOHC, 4-Valve
Type	Waste-gate Turbocharged and Air to Air Intercooled
Displacement	4.9 litre (4899cc)
Power (ECE Nett)	110kW @ 2700 rpm
Torque (ECE Nett)	441Nm @ 1600 rpm
Maximum Engine Speed (rpm)	2900
Compression Ratio	17.5:1
Cooling System / Oil Cooler	Water Cooled with Viscous Fan, 17.0L Capacity, Plate Type Engine Oil Cooler
Air Cleaner	Dry Paper Element. Forward Mounted Intake System Standard
Emission Control	Silicon Carbide DPF and Catalytic Converter
Emission Level	ADR 80/03 - JP05

## FUEL

Injection System	Common Rail Electronic Direct Injection
Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity (L)	100
Filtration	Main Filter with Water Separator Function
Speed Limiter	Speed Limited 100km/h

## ELECTRICAL

Voltage	24V Negative Earth
Alternator Capacity	24V-80 amp
Battery Capacity	2 x 12V, 52Ah/5hr in Parallel
Headlamps	Halogen Multi Parabolic

## TRANSMISSION

Version	Automatic M036A6 Aisin
Type / Speeds	6 Speed
Features	Lock-up clutch 2nd~6th. Transmission Cooler
Ratios	1st: 3.742 2nd: 2.003 3rd: 1.343 4th: 1.000 5th: 0.773 6th: 0.643 Rev. 3.539
Park Interlock	Ignition Key (On) and Foot Brake Activated

## FRONT SUSPENSION

Type	Independent Double Wishbone with Coil springs, Transverse Leaf Spring and Double Acting Shock Absorbers
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## REAR AXLE

Type	Full Floating Hypoid
Capacity (kg)	3,800
Ratio	4.875:1

## REAR SUSPENSION

Spring suspension	Long Taper Leaf with Stabiliser Bar and Shock Absorbers
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## STEERING

Type	Power Steering with tilt adjustable steering column
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## BRAKES

Type	Dual Circuit Vacuum / Hydraulic with ABS Front: Twin Calliper Ventilated Disc with Visual Wear Indicators Rear: Drum with Automatic Adjustment
Park Brake	On rear of transmission
Auxiliary	Exhaust brake

## WHEELS AND TYRES

Single front, Dual rear	Silver steel wheels with 205/85R16 tyres
Spare Tyre	Provided

## CHASSIS

Type	Parallel Tapered Channel with Cross Members
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## INSTRUMENTS

Gauges	Speedometer with LCD Odometer and Dual Tripmeter Tachometer (Yellow Zone indicates safe exhaust operating zone) Fuel Level Water Temperature
Warning Lamps	ABS and Front Disc Wear Oil Pressure Battery Charging DPF Indicator Vacuum Pressure Park Brake

## EXTERIOR

Windscreen	Laminated Tinted with Darker Upper Band
Side Windows	Bonded with heat absorbing dark grey glass
Body Colour	Rising White (W48) with Colour Code Bumpers Other colours available to special order Black Side Window Sash Blackout on front panel - Custom only
Towing Hook	Front

## INTERIOR

	School	Custom
Lighting	Access Step Light and 3 Interior Lights	
Floor	Heavy Duty Vinyl Floor Covering	
Interior	Semi-trimmed	Fully trimmed
Modesty Panel	LH front passenger seat	
Comfort features	N/A	Overhead luggage rack and curtains

# SPECIFICATIONS - ROSA BUS

## SAFETY (ACTIVE)

Brakes	ABS
Reverse Warning	Buzzer
Passenger Access Door	Accelerator Interlock and Pre-Warning Buzzer when door open

## SAFETY (PASSIVE)

Emergency Exits	4 Exits : 1 LH and 2 RH Windows with Emergency Hammers and rear emergency door, outward opening	
Front passenger door	Emergency opening control from outside	
Rear Door Locking	Automatic when Ignition Key in Off Position	
Seat Belts	School - Driver and front passenger	Custom - all seats

## MULTI MEDIA PACKAGE

Multi Media 6.1" Touch screen audio with AM/FM/DAB radio, Bluetooth, USB Port and DVD player. Integrated PA system with microphone

Optional: Navigation maps and reverse camera

## DRIVER COMFORT AND FEATURES

Driver's Seat	Low Back with head rest and slide adjustment Adjustable Height & Back Angle
Visibility Mirrors	LH and RH External Rear View Additional Front Left Clearance Rear Mounted Reversing on rear door Large Internal Rear Vision
General	Driver's Power Window Cup Holder Sun Visors (Driver and Front Passenger) Central Locking Accessory Power Outlet / Cigar Lighter with Ashtray

## AIR CONDITIONING (SEPARATE UNIT)

	School	Custom
Control	Manual a/con	Full climate control air conditioner with dehumidification
Capacity	10800 kcal/hr	
Distribution	Integrated Roof Ducts located throughout Cab	
Heaters	Forward Cabin plus Passenger Units throughout Cab	
Control	Manual a/con	Full climate control air conditioner with dehumidification
Additional ventilation	Switchable Fresh Air Duct on Roof at Rear of Cab	N/A

## PASSENGER ACCESS AND SEATING

	School	Custom
Seating capacity	24 passenger and driver	
Passenger Door	Bi-fold vacuum automatic with warning buzzer and dash interlock	Swing type automatic with warning buzzer and dash interlock
Passenger Seats	Fixed Low Back, LH single, RH Bench, Blue Vinyl trim	Fixed high back individual seats with arm rest, cup holder and seat back pocket, blue cloth trim
Seat Belts	Drivers and front assistant : ERL 3 Point	Drivers and front Passengers : Lap belt
Grip Handles	On Rear Seat (Except above Wheel Arch)	N/A

## SERVICE INTERVALS

Please contact your nearest Fuso dealer for details

## WARRANTY

36 months or 100,000km (whichever occurs sooner)  
Subject to terms and conditions in the Fuso Warranty Booklet

## PERFORMANCE

Turning Circle (kerb to kerb - metres)	14.4
Road Speed (km/h) at Max Engine Speed	100km/hr Speed Limiter

## DIMENSIONS

Wheelbase	4,550		
Overall Length	7,730		
Overall Width	2,070		
Overall Height	School: 2,755	Custom: 2,630	
Front / Rear Track	1,655 / 1,495		
Body Inside	Length: 6,970 Width: 1,845 Height: 1,860		

## KERB WEIGHTS AND MAX AXLE LOADS (kg)

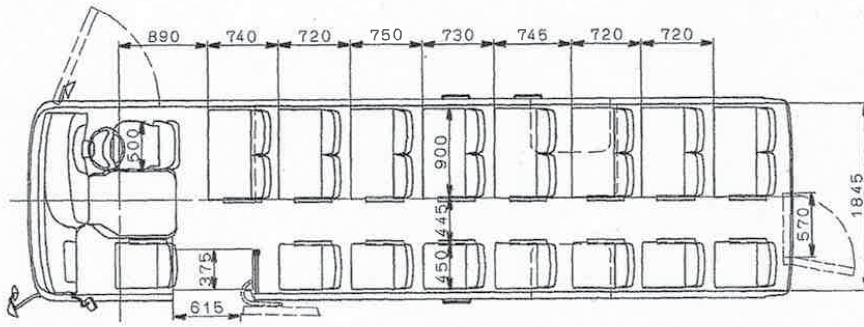
Model		Vehicle Ratings**		Max Axle Loadings**		Kerb Weights*
		GVM	Towing capacity with or without trailer brakes	Front	Rear	
School Bus 25 Seat Automatic	BE64DJRMBFAF(S)	6,285	715	2,600	3,800	4,120
Custom Bus 25 Seat Automatic	BE64DJRMBFAF(C)	6,285	715	2,600	3,800	4,060
School Bus Automatic (restricted seating capacity)	BE64DJRMBFAF(SD)	5,995	715	2,600	3,800	4,120
Custom Bus Automatic (restricted seating capacity)	BE64DJRMBFAF(CD)	5,995	715	2,600	3,800	4,060

\* Weights (est.) includes 10L fuel and spare wheel and are subject to 2.5% variation (+/-)

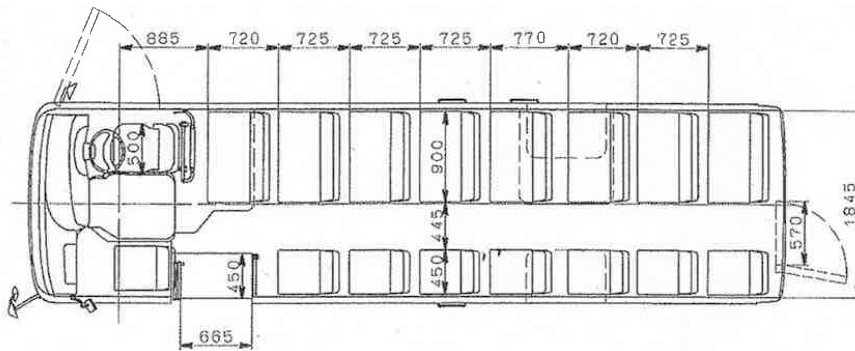
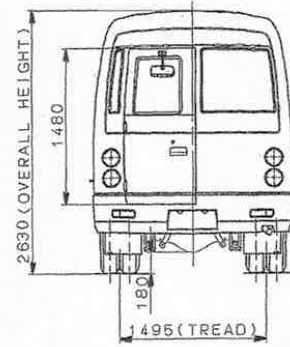
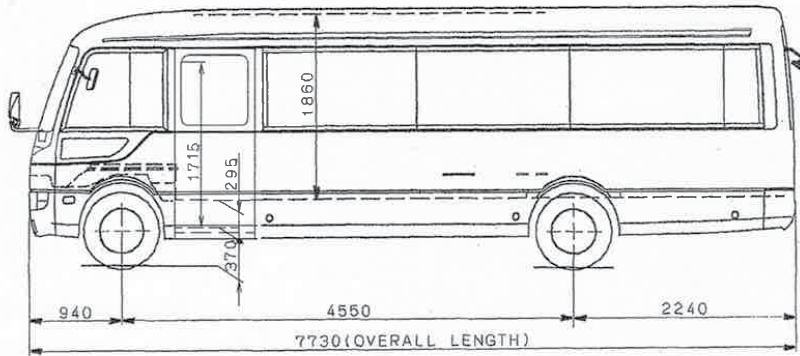
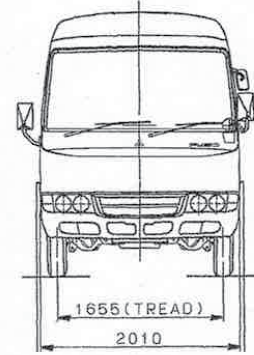
\*\* Vehicle ratings and max axle loadings may be limited by local regulations.



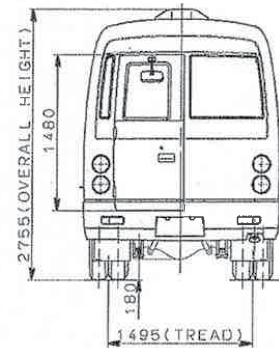
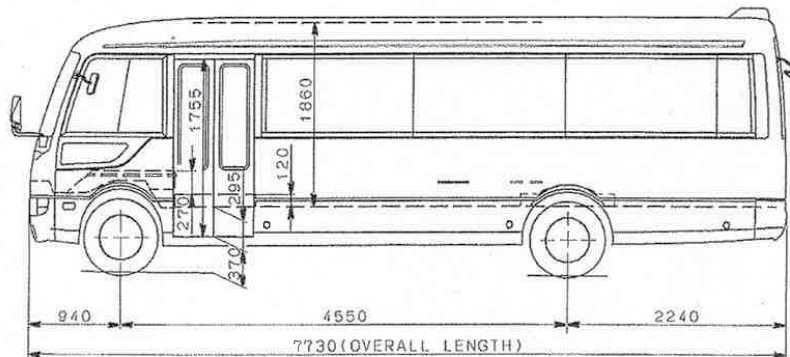
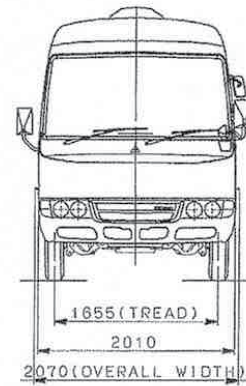
# SPECIFICATIONS - ROSA BUS



## ROSA BUS CUSTOM



## ROSA BUS SCHOOL



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