

ROSA

BE649 SERIES



MODEL RANGE	Model Code	Trans.	Seating
Standard	BE649JRMBFAC	Man.	Low Back - Vinyl
	BE649JRMBFAD	Auto.	
Deluxe	BE649JRMDFAC	Man.	High Back - Cloth
	BE649JRMDFAD	Auto.	



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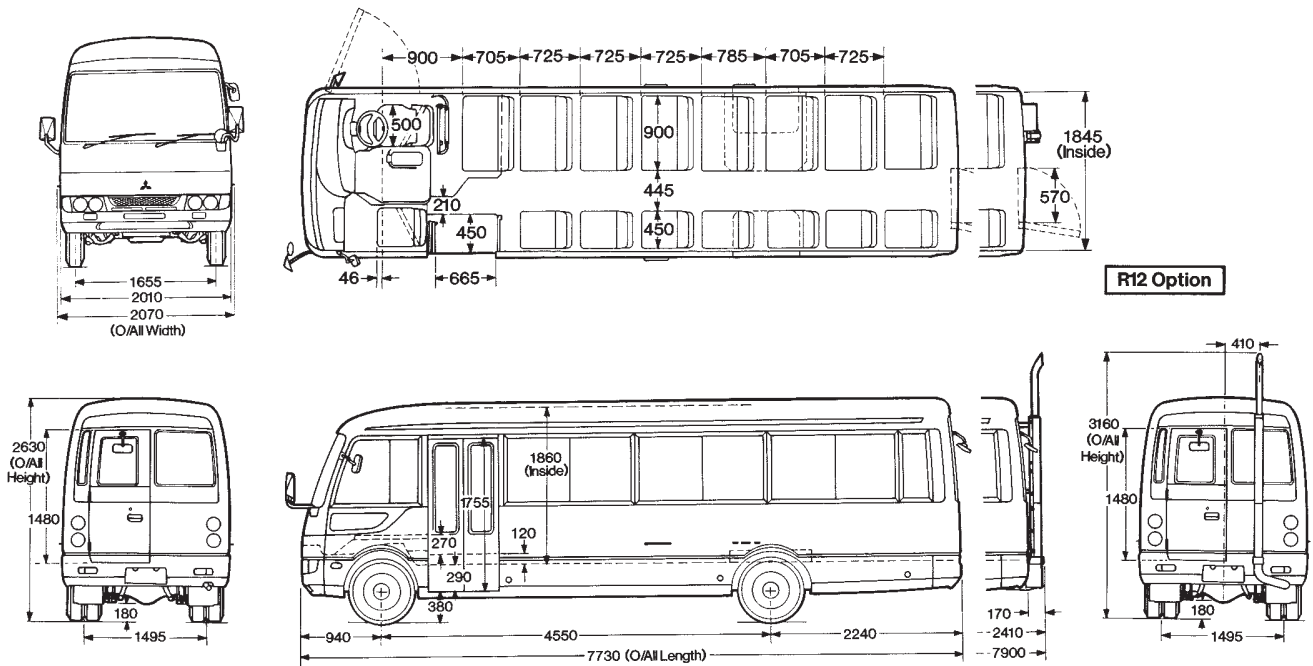
MODELS	Manual Automatic	BE649JRMBFAC BE649JRMBFAD	BE649JRMDFAC BE649JRMDFAD
SPECIFICATION LEVEL		Standard with A/C	Deluxe with A/C
SEATING CAPACITY		25 including Driver	
ENGINE	Model Type Displacement (bore x stroke) Power (ECE R85-00) Torque (ECE R85-00) Compression Ratio	4D34-2AT6 (ADR80/00) 4 Cyl. OHV, Inline, Direct Injection Diesel Turbocharged and Intercooled with Quick Heat Glow Plugs and Catalytic Converter 3907cc (104 x 115mm) 105kW @ 2700 rpm 412Nm @ 1600 rpm (Man. T/M models limited to 372Nm in 1st & Rev. Gear) 18.5:1	
FUEL SYSTEM	Capacity Pump/Filtration Air Cleaner Speed Limiter	100 Litres Denso 'V4' Electronic with Combined Main Filter/Water Separator Dry Paper Element with Forward Mounted Intake System Electronic, Set Speed 100 km/h	
ELECTRICAL	Voltage Alternator Battery Headlamps	24 Volt, Negative Earth 24 Volt - 80 Amp 2 x 12 Volt, 48Ah/5hr 4 x Quartz Halogen, Low/High 70/75W-2, High 70W-2	
CLUTCH	Type Diameter Lining - Area	Vacuum/Hydraulic Actuation with Automatic Adjustment 300mm, Single Plate Asbestos Free - 846cm ²	
TRANSMISSION	<u>Manual</u> Ratios <u>Automatic</u> Park Interlock Torque Converter Ratios	6 Speed with Synchromesh to 1st-6th and Rev. 1st: 6.114, 2nd: 3.442, 3rd: 1.987, 4th: 1.345, 5th: 1.000, 6th: 0.790, Rev: 6.114 4 Speed Electronic with Power/Economy Mode and Oil Cooler Ignition Key and Park/Foot Brake Activated Stall Torque Ratio 1.82:1 with Lock-Up Clutch 3rd-4th 1st: 2.950, 2nd: 1.530, 3rd: 1.000, 4th: 0.703, Rev: 2.678	
REAR AXLE	Type Ratio	Full Floating, Hypoid 4.444:1 Man. T/M, 5.285:1 Auto. T/M	
STEERING	Type Steering Wheel/Column	Rack and Pinion with Integral Power Assistance 400mm dia. Urethane/Tilt Adjustable Column with Steering Lock	
BRAKES	Type Front Rear Lining - Area Auxiliary Park Brake	Dual Circuit, Vacuum/Hydraulic with ABS (anti-lock braking system) 235mm Nominal dia. Twin Caliper, Ventilated Disc with Audible and Visual Wear Indicators 320 x 110mm Drum with Automatic Adjustment Asbestos Free - 1922cm ² (swept 3911cm ²) Exhaust 190mm dia. Transmission	
SUSPENSION	Front Rear	Independent Double Wishbone with Coil Springs, Transverse Leaf 'Fibre-Glass Reinforced Plastic' Spring and Double Acting Shock Absorbers Long Taper Leaf Springs (1350 x 70 x 14mm - 3 Leaves) with Stabiliser Bar and Double Acting Shock Absorbers	
TYRES WHEELS		205/85R16LT 117/115L, Tubeless 16x5.5K-115-9t - 5 Stud, Single Piece Disc (silver)	
DIMENSIONS	Length (R12 Opt.) Width Height (R12 Opt.) Entry Step - Height Wheelbase Front Track Rear Track Turning Circle Ground Clearance	<u>External</u> 7730mm (7900) 2070mm (inc. emergency steps) 2630mm (3160) 1st: 380mm 4550mm 1655mm 1495mm 14.4m (kerb to kerb) 180mm	<u>Internal</u> 6970mm 1845mm 1860mm 2nd: 290mm
WEIGHTS	GVM Front Axle Capacity Rear Axle Capacity Kerb - Est. (R12 Opt.)	6185kg 2500kg 3800kg	4270kg (4300) Man. T/M 4275kg (4305) Auto. T/M
ATM (towing cap.)		<u>Manual T/M Models</u> 715kg 1615kg	<u>Automatic T/M Models</u> 715kg 715kg

SPECIFICATIONS

MODELS	Manual Automatic	BE649JRMBFAC BE649JRMBFAD	BE649JRMDFAC BE649JRMDFAD
SPECIFICATION LEVEL		Standard with A/C	Deluxe with A/C
EXTERIOR	Colour	Natural White (W31) with Colour Coded Bumper Bars and Black Side Window Sash	
			Black Front/RHF Door Panel Inserts
	Windscreen	Tinted, Laminated with Upper Tint Band	
	Wipers	Two Speed with Intermittent Cycle and Windscreen Washers	
	Window Glass	Curved Rear (tinted) and Side (tinted/dark grey) with Sliding Side Windows	
	Emergency Exits	Rear Door with Central (ignition key activated) Locking plus 1 LH and 2 RH Windows with Emergency Hammers and External Steps. Internal and External Location and Operational Decals.	
	Access Door Type	Auto. Bi-Fold	Auto. Swing
	Operation	Vacuum with Momentary Control	Electric with Momentary Control
	Interlock	Accelerator, Engine/Gearshift/Park Brake Activated	
	Safety Devices	Internal/External Manual Override Controls and Warning Lamp/Buzzer	
	Other	LH/RH External Rear View, LH Access Door Safety and Front/Rear Underview Mirrors Hazard Warning, Reverse Lamps and Side Reflex Reflectors Electric Horn and Reverse Warning Buzzer Spare Tyre Carrier Front and Rear Mudflaps Towing Hook - Front	
	INTERIOR	Trim Level	Semi Trimmed
Seats - Passenger		Vinyl (Blue)	Cloth (Light Beige)
		Fixed Low Back (RH bench) with LHF 3 Point ELR Seat Belt only and Rear Seat Grip Handles (except seat row above rear wheel arches). RHF Protection Barrier	Panoramic Vision, Fixed High Back (except LHR) with 3 point Lap/Sash ELR Seat Belts conforming to ADR 68/00. Child Restraint Anchorage (6) Points
Seat - Driver		Modesty Panel to No.2 LHS Passenger Seat	
		Low Back with Adjustable Headrest, Height/Sliding/Reclining Controls, Cloth Trim and 3 Point ELR Seat Belt	
Air Conditioner		Fully Integrated, Ducted, 10,800 k/cal. with Manual Control	
Heater Demister		Forward Cabin plus 3 Rear Passenger Compartment Heaters	
Audio/Clock		AM/FM ETR Radio with Cassette and CD Player, Integrated PA System and Digital Clock	
Storage		Glove Compartment Centre Dash Panel Recess Driver's Door Pocket	
			Overhead Storage Compartment (2)
Instruments		Speedometer with LCD Odometer and Dual Tripmeter Tachometer (Yellow zone indicates the safe exhaust brake operating range) Fuel Level Water Temperature	
Warning Lamps		Turn Signal/Hazard High Beam Oil Pressure Alternator Engine Control (ECU), Overrun and Preheat Low Vacuum Park Brake, Brake Dual Circuit, ABS and Front Disc Pad Wear Power/Economy Mode, Oil Temperature and ECU Warning (auto T/M models)	
Assist Grips		LHS/RHS of Access Door and Driver's Door	
Other		Interior Lamps - Aisle (3) and Access Step LH/RH Interior Sun Visors Internal Saloon View Mirror Vinyl Floor Covering Driver's Footrest (Auto. T/M models only) Cigarette Lighter and Ashtray Fire Extinguisher Hydraulic Jack and Tool Kit, including Wheel Chocks	
OPTIONAL EQUIPMENT			
Note: R11, R13 trim and R2W paint options by irrevocable order only.		R11: R12 + R13 in Combination (Deluxe models only) R12: Vertical Exhaust (mandatory NSW) R13: Vinyl Passenger Seat Trim (Deluxe models only) R2W: Two Tone Paint - French Maroon/Tiare White (Deluxe models only)	

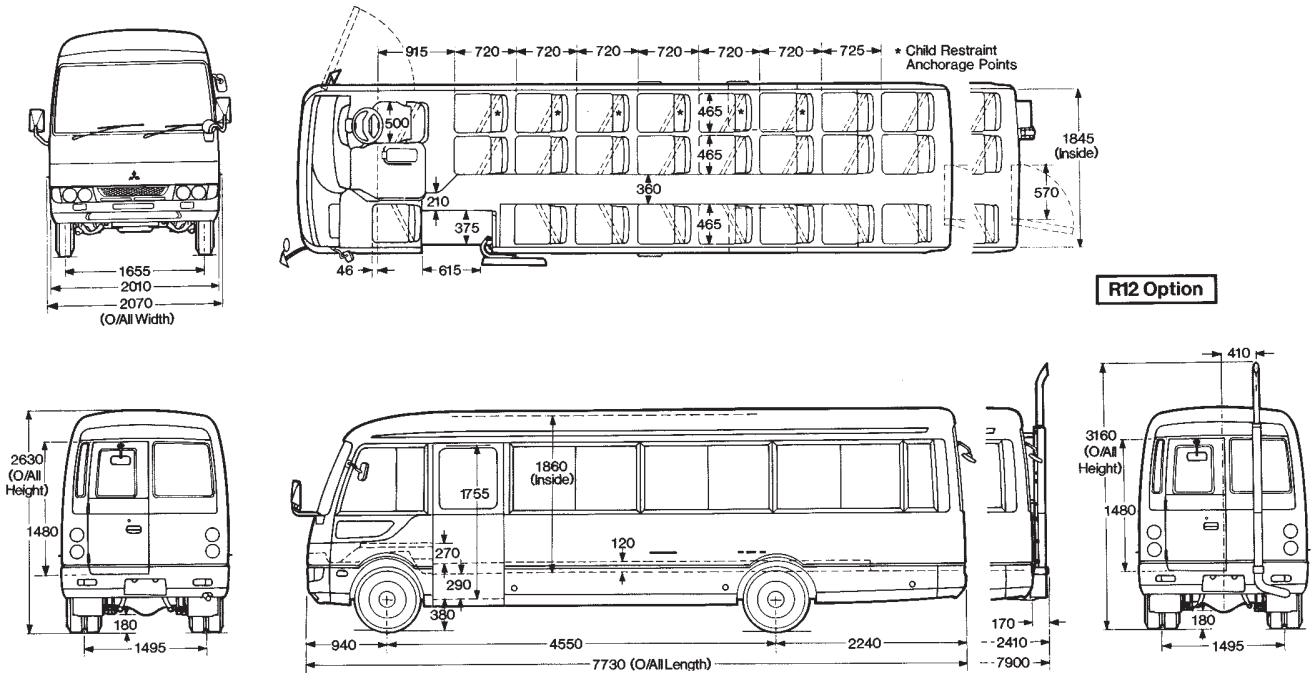
DIMENSIONS AND LAYOUT

ROSA BE649JRMB (Standard) MODELS



All dimensions shown in millimetres.

ROSA BE649JRMD (Deluxe) MODELS



All dimensions shown in millimetres.

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