



# ISUZU FSR 12 KRA (20" WHEEL)

STANDARD GVM	11,000 kg
STANDARD GCM	16,000 kg
KERB MASS (estimated)	3,750 kg

ORDERING CODE: 8EG02

## DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES	BRAKES
Model: ISUZU 6BG1 Type: Six cylinder OHV diesel. Bore & Stroke: 105 x 125mm. Displacement: 6494cc. Max Power: 120kW @ 2900 rpm. Max Torque: 431Nm @ 1800 rpm. Compression ratio: 170:1. RAC Rating: 41.0.	Model: ISUZU MBG6P. Type: 6-speed overdrive. Gear ratios (to 1). 1st: 6.378 2nd: 3.627 3rd: 2.239 4th: 1.452 5th: 1.000 6th: 0.787 Rev: 5.835	AXLE, FRONT Type: Reverse Elliot I beam. Capacity: 3,400 kg. AXLE, REAR Type: Banjo, fully floating. Capacity: 7,700 kg. Ratio: 6.143:1.	Air/Hydraulic.   <b>WHEELBASE</b>  4,720mm.

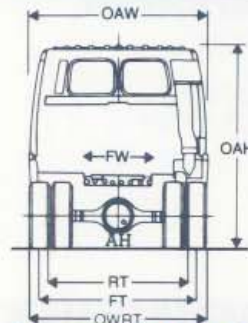
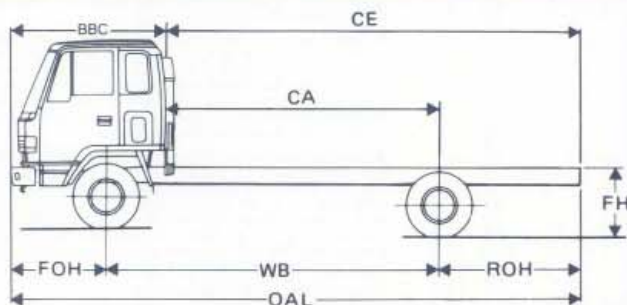
## CHASSIS RATINGS

### GROSS VEHICLE and GROSS COMBINATION MASS RATING

### ESTIMATED KERB MASS (chassis and cab with oil, water and full fuel tank.) (kg)

STD	GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
	11,000	16,000	8.25R 20-14 ply	2220	1530	3750

## DIMENSIONS



### LENGTHS

	(mm)
Overall length	OAL 8,130
Wheelbase	WB 4,720
Cab to axle	CA* 4,065
Cab to end of frame	CE* 6,200
Front overhang	FOH 1,275
Rear overhang	ROH 2,135
Bumper to back of cab	BBC 1,930

\*CE & CA dimensions are effectively reduced by 300mm with fitment of vertical exhaust pipe.

### WIDTHS

	(mm)
Overall width	OAW 2,190
Frame width	FW 800
Front track	FT 1,790
Rear track	RT 1,630
Outside width rear tyres	OWRT 2,160

### HEIGHTS

	(mm)
Overall height	OAH 2,470
Ground to top of frame	FH 905
Rear axle clearance	AH 260

### TURNING CIRCLE

	(m)
Kerb to kerb	18.9
Wall to wall	19.2

# ISUZU FSR 12 KRA (20" WHEEL)

## CAB/CHASSIS COMPONENT SPECIFICATIONS

### AXLE FRONT

Type: Reverse Elliot I beam.  
Capacity: 3400 kg.

### AXLE REAR

Type: Banjo, fully floating.  
Capacity: 7700 kg.  
Ratio: 6.143:1.  
Final Gear: 365mm diameter Hypoid.

### BRAKES, SERVICE

Type: Air over hydraulic dual circuit, front two leading, rear dual two leading.

Total lining area: 3,792 cm<sup>2</sup>.  
Brake drum diameter: Fr 400mm. Rr 410mm.

### BRAKE, PARKING

Type: Spring brake acting on rear wheels.

### BRAKE, AUXILIARY

Exhaust brake.

### CABIN

#### EXTERIOR

All steel tilt cab.  Laminated windshield.  2 speed wiper with intermittent function/washer.  West Coast type rear view mirrors.  Dual square halogen headlamps.  Fog lamps.  Vertical air intake stack.  Tool kit and 7000 kg capacity jack.  Spare wheel and tyre.

#### INTERIOR

Seats: Driver - Air suspension, reclining with seat slide, height control and lumbar support. Centre - Folding with tray. LH - Reclining.  Tilt-telescopic steering.  Side vent windows.  AM radio.  Heater/Demister with 4 speed fan.  Driver and passenger sunvisors.  Moulded roof lining.  Overhead shelf.

#### INSTRUMENTATION

GAUGES for speedometer with odometer, tachometer, engine temperature, brake air pressure and fuel level.  INDICATOR LAMPS for turn indicators, headlamp high beam, exhaust brake on and park brake on.  WARNING LAMPS for low brake fluid, low brake air pressure, battery charge, clogged air filter, oil pressure, stop/tail light warning, water separator warning, oil filter warning.  Left side combination switch for exhaust brake, wipers and washer.  Hazard warning switch.  Fog lamp switch.  Right combination switch for headlamps, turn signal and headlamp dip.  Key operation auto engine stop.

#### CLUTCH

Type: Hydraulic control. Dry single plate with cushioning springs.  
Size: 325mm dia.

#### ENGINE SPECIFICATION

Type: 6 cylinder OHV diesel.  
Bore and Stroke: 105 x 125mm.  
Displacement: 6494cc.  
Max. Power: 120kW @ 2900 rpm.  
Max. Torque: 431 Nm @ 1800 rpm.  
Compression ratio: 170:1.  
RAC rating: 41.0.

## YOUR GMH ISUZU DEALER

### LUBRICATION

Pressure feed with full flow paper element filter, oil cooler.  
Capacity: 12.5 litre, including filter.

### COOLING

6 blade fan with clutch  
Size: 475 mm diameter  
Radiator type: Tube and corrugated fin.  
Size: 559 x 622 x 53mm.  
Frontal area: 0.348m<sup>2</sup> with bell mouth fan guide.

### AIR CLEANER

Paper element, Donaldson 11" type.  
Vertical air intake stack.

### FUEL SYSTEM

Injection pump: In line plunger, Bosch 'A' type, with mechanical all-speed governor.  
Fuel tank capacity: 200 litres.

### ELECTRICAL SYSTEM

Batteries: 2 x 12V 53A/H.  
Alternator: 24V - 40A.  
Starter: 24V - 4.5kW.

### FRAME

Type: Ladder type channel section.  
Side member dimensions: 225 x 70 x 6mm.  
Frame reinforcement: At cab back: 203 x 64 x 4.5 angle section.  
At rear axle: 213 x 64 x 3.2 channel section.

### STEERING

Type: Power assisted recirculating ball.  
Gear ratio: 22.4:1.

### SUSPENSION, FRONT

Type: Semi elliptical, alloy steel leaf springs.  
Size: 1350 x 70 x 11mm x 1 leaf.  
1350 x 70 x 12mm x 6 leaves.  
Shock Absorbers: Hydraulic, double acting, telescopic.

### SUSPENSION, REAR

Type: Semi elliptical, alloy steel leaf springs.  
Size: main - 1300 x 70 x 12mm x 8 leaves.  
auxiliary - 850 x 70 x 11mm x 2 leaves  
850 x 70 x 12mm x 5 leaves

### TRANSMISSION

Type: 6-speed overdrive.  
Gear ratios (to 1).  
1st: 6.378                      2nd: 3.627                      3rd: 2.239  
4th: 1.452                      5th: 1.000                      6th: 0.787  
Rev: 5.835

### TYRES & WHEELS

Tyre size: 8.25R 20 - 14 ply.  
Wheel type and size: 6.50T x 20, 8 stud disc wheels.

#### GMH 12/20 WARRANTY

Every Isuzu is covered by the GMH warranty which covers the vehicle for the first 12 months or 20,000 kilometres.

Major engine components and driveline components have additional extended warranty. Please consult your GMH/ISUZU dealer for complete and accurate details.

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