



ISUZU FSR 12 KRA (C/S) (20'' WHEEL) CREW CAB

ORDERING CODE: 8EG03

| | |
|-----------------------|-----------|
| STANDARD GVM | 11,000 kg |
| STANDARD GCM | 16,000 kg |
| KERB MASS (estimated) | 4,000 kg |

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: 17.0:1. 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. WHEELBASE 4,720mm. |

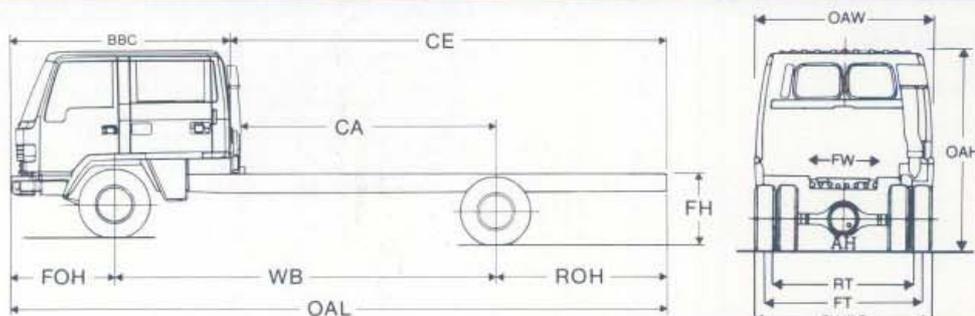
CHASSIS RATINGS

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 | 2,440 | 1,560 | 4,000 |

DIMENSIONS



LENGTHS

| | | (mm) |
|-----------------------|-----|-------|
| Overall length | OAL | 8,130 |
| Wheelbase | WB | 4,720 |
| Cab to axle | CA* | 3,310 |
| Cab to end of frame | CE* | 5,445 |
| Front overhang | FOH | 1,275 |
| Rear overhang | ROH | 2,135 |
| Bumper to back of cab | BBC | 2,685 |

*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 | 940 |
| Rear axle clearance | AH | 260 |

TURNING CIRCLE

| | (m) |
|--------------|------|
| Kerb to kerb | 18.9 |
| Wall to wall | 19.2 |

ISUZU FSR 12 KRA (C/S) (20" WHEEL) CREW CAB

CAB/CHASSIS COMPONENT SPECIFICATIONS

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.
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 cm².
Brake drum diameter: Fr. 400mm. Rr. 410mm.

BRAKE, PARKING

Type: Spring brake acting on rear wheel.

BRAKE, AUXILIARY

Exhaust brake.

CABIN

EXTERIOR

All steel power 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. Rear - Four seater bench. 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, wiper 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: 17.0:1.
RAC rating: 41.0.

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: 0.348m² with bell mouth fan guide.

AIR CLEANER

Paper element, Donaldson 9" type. Vertical air intake stack.

FUEL SYSTEM

Injection pump: In line plunger, Bosch W 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 AND 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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