



ISUZU GRR 16-240

SMOD	M220FM2
Axle layout	4X2
Control	Forward

MASS		
Permissible body + payload	kg	12150
Tare - total (T) - Estimated	kg	3850
Tare - front	kg	2370
Tare - rear	kg	1480
GVM	kg	11000
V	kg	11000
GCM	kg	16000
D/T	kg	16000
Axle - front GA/GAU	kg	3600
Axle - front A/AU	kg	3600
Axle - rear GA/GAU	kg	7700
Axle - rear A/AU	kg	7600
Litres of fuel tank 1 included in tare	ltrs	15
Litres of fuel tank 2 included in tare	ltrs	-
Tools included in tare	Jack, warning triangle, basic tool kit	
Spare wheel included in tare	Yes	
Fifth Wheel Included in tare	-	

PERFORMANCE		
Gradeability at V	%	47
Gradeability at D/T	%	33
Max. geared road speed (Without SLD)	km/h	121
Max allowable speed (SLD for SA)	km/h	80

MAJOR DIMENSIONS		
Overall length	mm	7705
Overall width	mm	2120
Wheelbase	mm	4360
CA - cab to bogie/rear axle	mm	3764
CE - Cab to end of chassis	mm	5639
OH - Overall height	mm	2530
FOH - Front overhang	mm	1170
ROH - Rear overhang	mm	875
Rear axle bogie spacing	mm	N/A
1/2 rear axle bogie spacing	mm	N/A
EH - Chassis height rear	mm	950
HH - Ground clearance	mm	186
Chassis width rear	mm	840
Turning radius (curb to curb)	mm	7000
Turning radius (wall to wall)	mm	7750

ENGINE		
Make	ISUZU	
Model	6HK1-TCN	
Capacity	cm3	7790
Layout	Diesel inline 6	
Type	Turbocharged Intercooled Common Rail	
Power at r/min	kW	176 @ 2400
Torque at r/min	Nm	706 @ 1450 - 2400
Emissions standard	Euro 2	

CLUTCH		
Make	Exedy	
Model	380	
Type	Single	
Diameter	mm	381
Operation	Hydraulic Air Assisted	

TRANSMISSION		
Make	ISUZU	
Model	MZW6P	
Type	Synchromesh	
Shift	Manual Gearshift	
No. of gears forward	6	
Crawler gear ratio	-	
First Gear Ratio : 1 (crawler where applicable)	6.615	
2nd gear ratio	4.095	
3rd gear ratio	2.358	
4th gear ratio	1.531	
5th gear ratio	1	
6th gear ratio	0.722	
7th gear ratio	-	
8th gear ratio	-	
9th gear ratio	-	
Top Gear Ratio : 1	-	
Rev	6.615	
Permament 4X4	No	
Central Differential lock	No	
Rear Differential lock	No	
PTO (Power Take-Off)	PTO Ready	

DRIVE AXLE		
Make	ISUZU	
Model Drive axle Front	F036	
Model Drive axle rear	R077	
Hypoid	Standard	
Final ratio :1	4.333	

SUSPENSION		
Front	Multi-Leaf Springs	
Rear	Multi-Leaf Springs	
Shock absorbers	Front	
Stabilisers	Front	

STEERING		
Operation	Power	

BRAKES		
System type	Air over hydraulic	
Front	Drums	
Rear	Drums	
Anti-lock braking system (ABS)	Standard	
Park/emergency system	Spring	
Exhaust brake	Standard	

BRAKES		
Engine brake	No	
Retarder	No	
Hill Start Assist (HSA)	No	

ELECTRICAL & FUEL		
Fuel tank 1 capacity	ltrs	200
Fuel tank 2 capacity	ltrs	0

TYRES		
Size and ply rating - front & rear (Tubeless - Opt)	-	
Size and ply rating - front	235/75 R 17.5	
Size and ply rating - rear	235/75 R 17.5	

CAB & EXTRAS		
Type	Medium	
Roof	Low	
No. of bunks	0	
No. of seats	3	
Airconditioning	Optional	
Radio/USB	Optional	
Radio/CD	-	
Speakers	Standard	
USB charger	Standard	
Daytime Running Lights (DRL)	Standard	
Telematics	Standard	
Driver and far passenger airbags	Standard	
Central locking	Standard	
Electric windows	Standard	
Tachograph	Optional	
On-board computer	No	
Tilt cab	Yes	
Just 5th Wheel - JSK37C185	Yes	
Catwalk	Yes	

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