

ISUZU N-SERIES		NPR 275 AMT
ENGINE		
Model		4JJ1-TC
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		COMMON RAIL
Emission Standard		Euro 3
No. of Cylinders		4
Bore x Stroke	(mm)	115 x 125
Displacement	(cm ³)	5 193
Compression Ratio	(:1)	18.5
Output	(kW @ r/min)	110 @ 2 600
Output	(hp @ r/min)	148 @ 2 600
Torque @ Green Band	(Nm @ r/min)	404 @ 1 500 - 2 600
CLUTCH		
Diameter	(mm)	NA
Total Friction Area	(cm ²)	NA
Operation		AUTOMATED HYDRAULIC CONTROL
TRANSMISSION		
Make/Model		MY6S (AMT)
Type		6 Speed synchromesh
Controls		Automated Manual
Crawler Gear Ratio	(:1)	N/A
1st Gear Ratio	(:1)	5.979
2nd Gear Ratio	(:1)	3.434
3rd Gear Ratio	(:1)	1.862
4th Gear Ratio	(:1)	1.297
5th Gear Ratio	(:1)	1.000
6th Gear Ratio	(:1)	0.759
Reverse Gear Ratio	(:1)	5.701
PERFORMANCE		
Maximum Speed (Calculated at GVM)	(km/h)	110
Gradeability % @ V in 1st Gear (low range) Peak Torque	(%)	37
SUSPENSION		
Front : Multi Leaf Spring		YES
Stabiliser bar		YES
Shock Absorbers - Double acting		YES
Rear : Multi Leaf Main Spring with Helper Spring		YES
Stabiliser bar		NO
Shock Absorbers - Double acting		YES
BRAKES		
System		VAC / HYD
Park Brake		TRANSMISSION
Front		DISC
Rear		DRUM
ABS with EBD		STANDARD
ASR		STANDARD
Exhaust Brake		STANDARD
Auto Slack adjusters		STANDARD
Total Friction Area Front	(cm ²)	921.6
Total Friction Area Rear	(cm ²)	1508
Retarder (TELMA / VOITH)	Nm	OPTIONAL
STEERING		
Operation		POWER
Ratio	(:1)	18.8-20.9
Adjustable Steering (Tilt and Reach)		YES
Lock to Lock		4.5
Turning Circle (Kerb to Kerb)	m	12.36
Wall to Wall	m	NA
CAB		
Control		FORWARD
Number of seats.		3
Adjustable Driver Seat		YES
Air Suspended High-Comfort Driver's Seat		NO
Fixed Assistants Seat and Centre Seat		YES
Heater and Demister		YES
Cigarette Lighter (24V)		YES
Tilt Cab Forward		YES
Tilt mechanism		MANUAL
Tilt Torsion Bar Assistance		YES
Electric Operated Windows		NO
Air Conditioning System		AVAILABLE
Radio/CD/(24V)		AVAILABLE

WHEELS & TYRES		
Type		RADIAL
Tubeless single piece rim		NO
Tyre Size (Front)		7.50-16-12PR
Tyre Size (Rear)		7.50-16-12PR
Wheel Size (Front)		6.0GS
Wheel Size (Rear)		6.0GS
No. of Studs		6
FUEL TANK (Lockable)		
Capacity	(Litres)	100
Lockable Fuel Tank Cap		YES
Fuel Tank Position		RHS
FRONT AXLE		
Model		F031
Type : Reverse "Elliot" I-Beam		Yes
REAR AXLE		
Model		F320
Type: Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	5.857
ELECTRICAL SYSTEM		
System Voltage	(V)	24
Alternator	Amp	50
Starter Motor	kW	4.5
Batteries		2 X 12V 70Ah
Batteries code as per Willard		639
AIR INTAKE		
Intake		RR Vertical
Primary Air Filter		YES
Secondary Air Filter		NO
Make		DONALDSON
Restriction/Service Indicator		NO
DIMENSIONS		
	(mm)	
OL – Overall Length		5 985
OW – Overall Width		1 995
OH – Overall Height		2 265
WB – Wheelbase		3 365
FOH – Front Overhang		1 110
ROH – Rear Overhang		1 510
BW – Rear Axle Width		2 115
FT – Front Track		1 680
RT – Rear Track		1 650
EH – Chassis Rear End Height (unladen)		845
CWF - Front Chassis Width		850
CWR – Rear Chassis Width		850
HH – Rear Ground Clearance		195
CE – Cab to Chassis End		4 302
CA – Cab to Axle		2 792
CL – Cab Length		1 650
GP – Minimum Body Gap		115
MASS DATA		
	(kg)	
Manufacturer's GVM		5 600
Permissible Gross Mass (V)		5 600
Manufacturer's GCM		9 700
Permissible Combination Mass (D/T)		9 700
Front Axle Tare Mass		1 520
Rear Axle Tare Mass		760
Total Tare Mass		2 280
Gross Axle Mass Load - Front (GA)		3 100
Gross Axle Mass Load - Rear (GA / GAU)		6 000
Permissible Axle Load - Front (A)		2 900
Permissible Axle Load - Rear (A /AU)		5 600
Tyre Capacity - Front		2 900
Tyre Capacity - Rear		5 600
Approx. Body & Payload		3 320
OPTIONAL		
Tacho Graph		AVAILABLE
Anti-syphon Device		AVAILABLE
MISCELLANEOUS EQUIPMENT		
Jack, warning triangle, basic tool kit		YES
Owners handbook & service hand booklet		YES
Rear Chevron board		YES