

NPR 400 AMT CREW

ISUZU
TRUCKS
For the long run

ENGINE

Model		4HK1-TCN
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		COMMON RAIL
Emmision Standard		Euro 2
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	(Nm @ r/min)	404 @ 1,500 - 2600
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP AND SECONDARY FILTER
Filtration - oil:		SINGLE

CLUTCH

Diameter	(mm)	NA
Total Friction Area	(cm ²)	NA
Operation		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
7th Gear Ratio	(:1)	-
8th Gear Ratio	(:1)	-
9th Gear Ratio	(:1)	-
10th Gear Ratio	(:1)	-
11th Gear Ratio	(:1)	-
12th Gear Ratio	(:1)	-
13th Gear Ratio	(:1)	-
14th Gear Ratio	(:1)	-
15th Gear Ratio	(:1)	-
Reverse Gear Ratio	(:1)	5.701
Transfer Case Ratio		-

PERFORMANCE

Maximum Speed (Calculated)	(km/h)	116
Gradeability @ V in 1st Gear (low range)	(%)	32

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 / HBB
Park Brake		TRANSMISSION
Front		DRUM
Rear		DRUM
ABS		STANDARD
ASR		STANDARD
Auxillary		EXHAUST BRAKE
Auto Slack adjusters		STANDARD
Total Friction Area Front	(cm2)	1340
Total Friction Area Rear	(cm2)	1340
Retarder		

STEERING

Operation		POWER
Ratio	(:1)	18.8-20.9
Adjustable Steering		YES

CAB

Control		FORWARD
Adjustable Drives Seat		YES
Air Suspension Drive Seat		NO
Fixed Assistants Seat and Centre Seat		YES
Heater and Demister		YES
Cigarette Lighter (24V)		YES
Tilt		NO
Tilt Torsion Bar Assistance		NO

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

FRONT AXLE

Model		F031
Type : Reverse "Elliot" I-Beam		Yes
Full Floating Axle Control Type		

REAR AXLE

Model		F320
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	4.556

ELECTRICAL SYSTEM

System Voltage	(V)	24
Alternator	Amp	50
Starter Motor	kW	4
Batteries		2 X 12V 70Ah

AIR INTAKE

Intake		RR Vertical
Primary Air Filter		YES
Secondary Air Filter		NO
Make:		DONALDSON
Service Indicator		NO

DIMENSIONS		(mm)
OL – Overall Length		6 635
OW – Overall Width		1 995
OH – Overall Height		2 255
WB – Wheelbase		3 815
FOH – Front Overhang		1 110
ROH – Rear Overhang		1 710
BW – Rear Axle Width		2 115
FT – Front Track		1 680
RT – Rear Track		1 650
EH – Chassis Rear End Height		845
CWF - Front Chassis Width		850
CWR – Rear Chassis Width		850
HH – Rear Ground Clearance		195
CE – Cab to Chassis End		3 961
CA – Cab to Axle		2 241
GP – Minimum Body Gap		115
Turning Circle (curb to curb)		14.12
MASS DATA		(kg)
Manufacturer's GVM		7 500
Permissible Gross Mass (V)		7 500
Manufacturer's GCM		11 000
Permissible Combination Mass (D/T)		11 000
Front Axle Tare Mass		1 900
Rear Axle Tare Mass		1 000
Total Tare Mass		2 900
Gross Axle Mass Load - Front (GA1)		3 100
Gross Axle Mass Load - Rear (GA2)		6 600
Permissible Axle Load - Front (A1)		2 900
Permissible Axle Load - Rear (A2)		5 600
Tyre Capacity - Front		2 900
Tyre Capacity - Rear		5 600
Approx. Body & Payload		4 600
Approach Angle (4x4 Specific)		-
Break-over Angle (4x4 Specific)		-
Departure Angle (4x4 Specific)		-
WARRANTY		
New Vehicle		24 MONTHS / UNLIMITED KM
Cab Corrosion		36 MONTHS / UNLIMITED KM
OPTIONAL		
Aircon		AVAILABLE
PTO Fail Safe system	Compulsary fitment to any operation that requires a PTO	
Radio / CD / (24V)		AVAILABLE
Techo Graph		AVAILABLE
MISCELLANEOUS EQUIPMENT		
Jack, warning triangle, basic tool kit		YES
Owners handbook & service hand booklet		YES
Rear Chevron board		YES

Specifications correct at time of publish. E & OE.

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