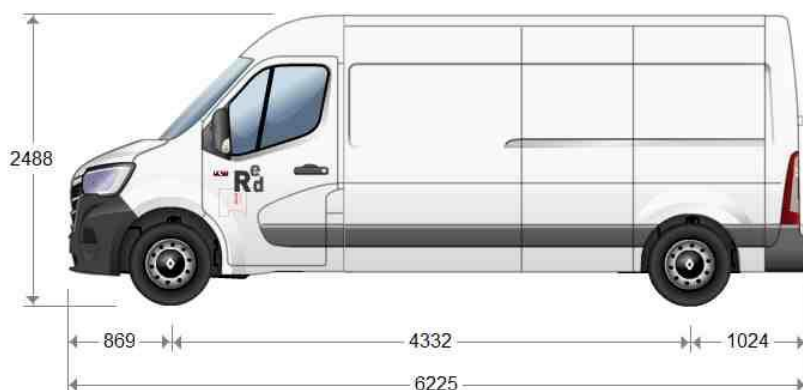


GB - RTG,36.1  
 Model code : 59TAD6S3C23C  
 Print date: 14/04/2020  
 Last updated: 14/02/2020  
 Grid Number: 5515304 from 14/04/2020

Prepared for :

Loader Range

**MASTER RED - VAN FWD 3T5 E6 - L3H2 - GVW 3.5 T /****WEIGHTS**

Wheelbase		mm	4.332
Kerb Weight	total	Kg	2322
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	1451
	Rear axles (Liftable axle down)	Kg	871
Payload	(C)	Kg	1178
Maximum Weight (registered)	Front axle(s)	Kg	1850
	Rear axle(s)	Kg	2100
	Total (GVW)	Kg	3500

*This table includes the weights of the RENAULT TRUCKS options: full urea tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (75 kg)*

**LENGTHS**

Wheelbase		mm	4.332
Overall Chassis Length	(F / BEP L011)	mm	4332
	(A / BEP L001)	mm	6225
Front Overhang	(H / BEP L016)	mm	869
Rear overhang	Chassis	mm	1024

**HEIGHTS**

Wheelbase		mm	4.332
Cab height (unladen)	(O)	mm	2488
Ground clearance, laden	Front (U1 / BEP H015)	mm	181
	Rear (U3 / BEP H016)	mm	181

**WIDTHS**

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Wheelbase		mm	4.332
Track	Front (V1 / BEP W013.1)	mm	1750
	Rear 1 (V2 / BEP W013.2)	mm	1730
Max. cab width	(BEP W002)	mm	2070

**OTHER**

Wheelbase		mm	4.332
load length (Z1)		mm	3733
Turning Radius	Overall (BEP W012)	mm	8100
Max Interior Volume		m <sup>3</sup>	13
Rear Door Height		mm	1820
Interior Height		mm	1894
Entry width, top of rear door		mm	1577
Entry width, base of rear door		mm	1580
Side door height		mm	1780
Side door width		mm	1270

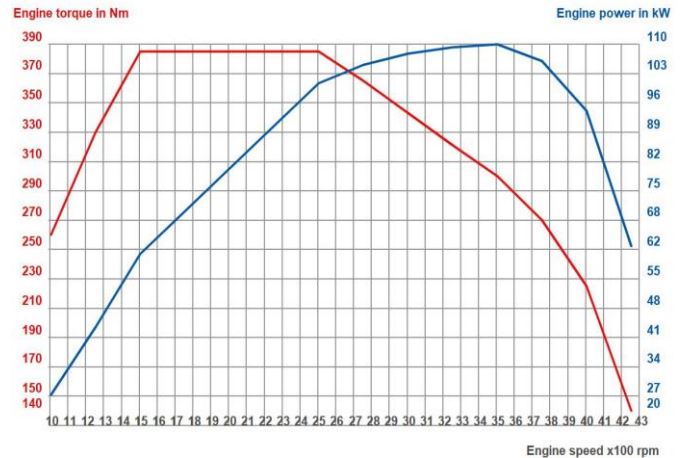


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## ENGINE

**Diesel 4-cylinder in-line with high-pressure Common Rail direct injection (2200 bar)**  
**Bore 85 mm - Stroke 101.3 mm - Displacement 2.3 L**  
**Cooled air intake**  
**Twin water-cooled turbochargers**  
**Cooled EGR system**  
**Chain-driven timing**  
**Maximum power: 150 hp/110 kW at 3500 rpm.**  
**Maximum torque: 385 Nm between 1500 and 2750 rpm.**  
 Direction of rotation (seen from gearbox end): anti-clockwise  
 Diesel Particulates filter.  
 SCR post-treatment pollution control system with AdBlue injection controlled electronically  
 Euro 6d-TEMP pollution control level  
 Optimised CO2 emissions level  
 Coolant: antifreeze protection to -25°C



## ENGINE EQUIPMENT

ECO mode: engine mapping and torque control and optimisation of temperature comfort settings  
 Stop & Start system  
 Without engine Power Take Off.  
*Speed limiter (110 km/h)*

## CLUTCH

Single disc dry clutch, diameter 260mm

## GEARBOX

PF6 gearbox, 6 synchronised forward gears and 1 reverse  
 Aluminium casing

## POWER TAKE-OFF

Without gearbox mounted PTO

## STEERING

Retractable rack and pinion steering with collapsible steering in case of impact  
 hydraulic assistance with electric pump  
 Right hand drive.

## FRONT AXLE

Independent wheels.  
 Lower wishbone.  
 MacPherson suspension system.  
 Maximum load on front axle 1850 kg.  
 Transmission to front wheels by 2 shafts each with 2 constant velocity joints.

## REAR AXLE ASSEMBLY

Rigid tubular axle guided by leaf springs.  
 Max. technical capacity: 2100 kg

## WHEELS AND TYRES

Fit standard tyres.  
 Wheels 16"  
 225/65 R16 tyres.  
 J 6.5 wheel rims.  
 (Tyre make depending on availability).  
 Single wheel fitment.  
 Standard wheel trims  
*Spare wheel with jack*  
*Spare wheel carrier under body with winch*

## Service brake:

Disc brakes: 302x28 ventilated at the front, 305x12 at the rear.  
 Anti-lock Braking System (ABS) with Emergency Brake Assist (EBA)  
 Trajectory control regulated according to the trailer and vehicle load (ESP) including:  
 anti-slip regulation (ASR)  
 Hill Start Assist (HSA)  
 Side Wind Assist (SWA)  
 improved grip over challenging terrain (Extended Grip)



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## CAB

### Cab exterior:

All steel Cab, electro-zinc plated and cathophoretic paint treatment.  
 Cab paint colour: Mineral White  
 technical code: 01395  
 Body colour roof (if standard paint).  
 Bonnet lift to give access to oil dipstick, windscreen washer bottles, cooling and brake fluid reservoirs plus the offset battery terminals.  
 Anthracite grained front protective moulding.  
 2 heated, remote control rear view mirrors with integral indicator lights.  
 Standard door mirror arms  
 Front access by anti-slip step  
 Windscreen access steps integrated into front bumper  
*Access by double hinged doors, opening to 270°*  
 Sheet metal side panels.  
 Access by LHS sliding, steel panel door.  
 Right-hand sheet metal side panel.  
 Front mud flaps.

### Cab interior:

Panel van.  
 Chrome interior and exterior finishing  
 Height H2  
 Upper console large storage areas  
 Without tachograph  
*Resin wood floor with anti-slip coating*  
 Adjustable driver's seat  
*Passenger double seat*  
*Folding central seat backrest with fold-up shelf*  
*Under-seat storage compartment*  
 Lifting driver's armrest  
 Garnissage sièges en tissu Carbone  
 Fabric seat upholstery charcoal with white over stitching  
 Driver's airbag.  
 Grab handle for front passengers.  
 Refrigerated glove box  
 7 l refrigerated glove compartment  
 Opening of the doors controls the courtesy light and sets off audible alert if light left on.  
 Driver's window with impulse control.  
 Screen wash fluid European area  
 Adjustable 4-speed, 6 positions, heater/ defroster for windscreen and front side window demisting.  
 Air conditioning unit  
 Driving compartment filter, anti-pollen  
 Manual in English  
 Panelled bulkhead partition between cab and load area.  
 Partition trim.  
 Rear and side grab handles  
 3-position front windscreen wiper/windscreen washer.  
*Radio MediaNav DAB (Digital Audio Broadcasting) with Bluetooth & USB*

### Instrument panel:

Fully equipped instrument panel including:  
 0.6 l centre storage compartment and large cup holder  
 On-board computer integrating:  
 speedometer and tachometer with 3.5" monochrome screen configurable for:  
 fuel level, consumptions, AdBlue level, trip meter and odometer, temperatures  
*Smartphone mirroring on the navigation system screen*  
*Android Auto and Apple CarPlay compatible*  
*MediaNav navigation*  
*Western Europe mapping: Italy, Luxembourg, Belgium, Netherlands, Switzerland, Austria, France, England, Ireland, Spain, Portugal, Morocco,*  
*Algeria, Tunisia, Malta, Austria, Luxembourg, Germany, Liechtenstein, Greece, French National territories*  
*Caméra de recul avec affichage sur l'écran de navigation et radars arrière*  
 Remote control central door locking.  
 Automatic door-locking when vehicle moves off.  
*3rd key*  
 2-button folding key  
 Cruise control with speed limiter with steering wheel controls  
 Rational driving aid.

### ELECTRONIC EQUIPMENT:

SAE cab socket for vehicle data extraction

### ELECTRICAL EQUIPMENT

Alternator: 185 amp capacity.  
 Automatic windscreen wiping with rain sensor and automatic illumination of lights  
 LED front halogen daytime running lights  
 Headlight automatic adjustment  
*Front fog lights.*  
 Two wide-angle reversing lights and one rear fog light.  
 Reinforced flasher unit for trailer lighting

### CHASSIS

Short rear overhang.  
 GVW = 3.5T / GCW = 6T  
 =>Maximum trailer weight: 2500 kg

### SUSPENSION

#### Front suspension

Helical suspension springs. Hydraulic, telescopic shock absorbers.

#### Rear suspension:

Single-leaf steel suspension  
 Straight shackles  
 Additional spring with polyurethane bump stop



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**FUEL TANK***Main fuel tank capacity: 105 litres*

Secured access to fuel and AdBlue filler flaps

**AdBlue**

28-litre AdBlue tank

**STANDARD EQUIPMENT**

Tool kit under driver's seat.

Towing yoke

Jack

**BODYWORK**

Fixing point on floor

*Load area LED lighting***GEARBOX RATIOS**

1	2	3	4	5	6
4.18	2.11	1.29	0.90	0.71	0.60

*The manufacturer reserves the right to modify the specifications above without prior notice.**Non contractual document.**For further assistance please contact Product Applications at Renault Trucks UK Limited, Wedgnoek Lane , Warwick , CV34 5YA Telephone+44 (0)1926 475333.*

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