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D WIDE P6X2 320 CNG

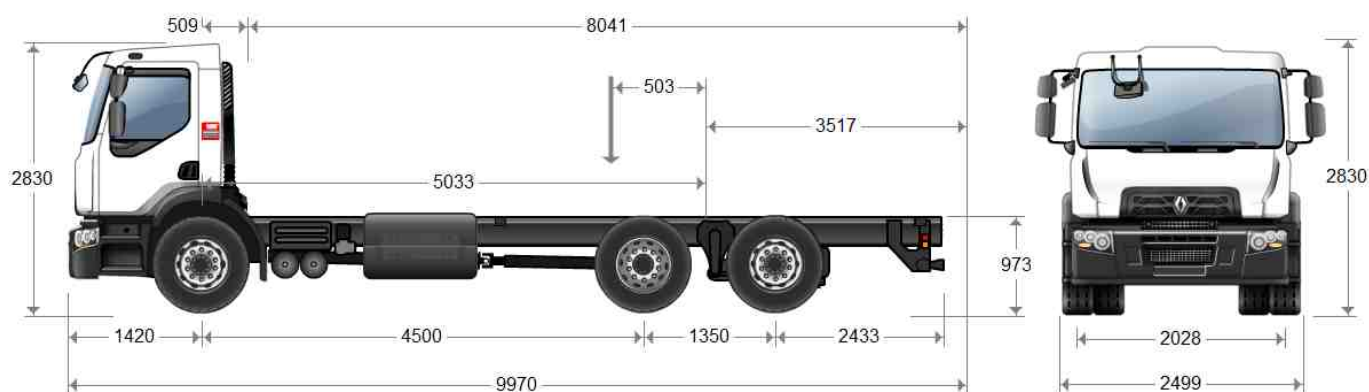
RIGID

Model code : CST_20DM0G6STD03

GVW 26T / GTW 26 T

DAY CAB

REAR AIR SUSPENSION (TAG AXLE)



WEIGHTS

Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Maximum Weight (registered)	Total (GVW)	Kg	26000							0	26000				
Payload	(C)	Kg	1829 4	1828 9	1826 8	1823 3	1818 5	1816 7	0	1813 6	1804 9	1803 9	1803 1	1804 5	1793 4
Kerb Weight	total	Kg	7706	7711	7732	7767	7815	7833	0	7864	7951	7961	7969	7955	8066
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	4551	4562	4575	4595	4618	4631	0	4639	4668	4673	4683	4710	4173
	Rear axles (Liftable axle down)	Kg	3155	3149	3157	3172	3197	3202	0	3225	3283	3288	3286	3245	3893
Maximum Weight (registered)	Front axle 1	Kg	7500								7500				
	rear axle 1	Kg	11500							0	11500				
	rear axle 2	Kg	7500							0	7500				
	Rear axle(s)	Kg	19000							0	19000				
Maximum Weight (technical)	total (CoC: 16.1.)	Kg	26500								26500				
	front axles (CoC: 16.2.)	Kg	7500								7500				
	rear axles (CoC: 16.2.)	Kg	19000								19000				

To maintain the driving comfort (lightness of steering, braking) of vehicles in all load and driving conditions once the vehicle is bodied, the following minimum front axle load(s) must be respected: 3500 kg
The weight of the vehicle is an average indicative weight of its STANDARD build, filled with urea, oil, windscreen wash liquid and coolant at 100%, fuel level at 90% and with driver (75kg).

LENGTHS



Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Body length	Min. (Wmin / BEP L105)	mm	5748	6088	6428	6772	7116	7458	0	8302	8733	9157	9669	10071	
	Max. (Wmax / BEP L105)	mm	6441	6761	7081	7401	7721	8041	0	8841	9241	9641	10071		
Front Overhang	(H / BEP L016)	mm	1420						0	1420					
Cab entry	(B / BEP L102)	mm	509						0	509					
Wheelbase	(F / BEP L011)	mm	3500	3700	3900	4100	4300	4500	0	5000	5250	5500	5800	6100	6450
Technical wheelbase	(F' / BEP L015)	mm	4033	4233	4433	4633	4833	5033	0	5533	5783	6033	6333	6633	6983
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1350							1350					
Rear overhang	Chassis	mm	1833	1933	2083	2183	2333	2433	0	2733	2883	3033	3133	2833	2483
Overall Chassis Length	(A / BEP L032+L016)	mm	8103	8403	8753	9053	9403	9703	0	10503	10903	11303	11703		
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	303	343	383	423	463	503	0	603	653	703	788	1088	1438
	Max. (Ymax / BEP L103)	mm	650	680	710	738	766	795	0	873	907	945	989	1088	1438
Min Overall Length (Z)	(Zmin / BEP L001)	mm	7677	8017	8357	8701	9045	9387	0	10231	10662	11086	11598	12000	
Max Overall Length (Z)	(Zmax / BEP L001)	mm	8370	8690	9010	9330	9650	9970	0	10770	11170	11570	12000		
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2224	2364	2504	2648	2792	2934	0	3278	3459	3633	3845	3947	3597
	Max. (Xmax / BEP L017)	mm	2917	3037	3157	3277	3397	3517	0	3817	3967	4117	4247	3947	3597

HEIGHTS

Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450	
Cab height (unladen)	(O)	mm	2832			2831		2830	0	2830		2829			2840	
Max. exterior height unladen	(BEP H001)	mm	2832			2831		2830	0	2830		2829			2840	
Side member height	(BEP H032)	mm	300							300						
Ground clearance, laden	Front (U1 / BEP H015)	mm	200						0	200						
	Rear (U3 / BEP H016)	mm	213						0	213						
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	975			974		973		973		972			983	
	Laden (H1 / BEP H036)	mm	909							909						
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	973						0	973				972		
	Laden (H2 / BEP H038)	mm	952						0	952						
Frame top height at the rear of the frame	Unladen (HN)	mm	971			972				972	973				965	
	Laden (HN)	mm	989	988		987		986		985			984	980	976	

WIDTHS

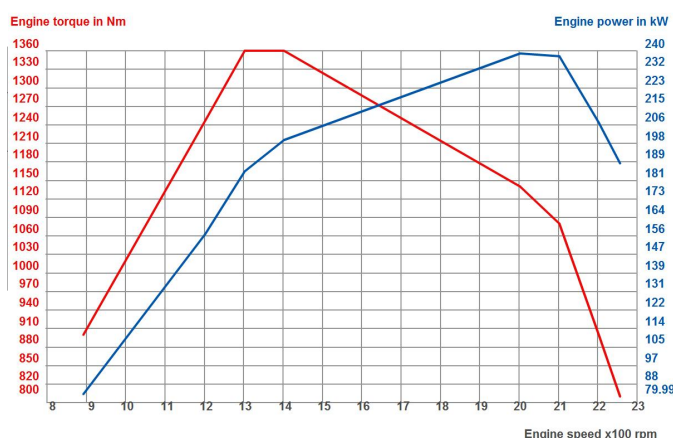


Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
ENGINE															
Maximum width	(BEP W002)	mm	2500							0	OPTIONS		2500		
Maximum power output: 239 kW at 2100 rpm	Front (BEP W035)	mm	1080							0	1080	1082			
Maximum torque: 1360 Nm from 1300 to 1400 rpm	Front (BEP W035)	mm	850							0	850	852			
CNG 6 in-line cylinders Capacity: 8.9 litres Bore 114 mm - stroke 144.5 mm - compression ratio 16.5:1 Front timing Stoichiometric combustion Ignition system with electronic control module (Ignition Control Module) Engine management by sensor and electronic control module (ECM) including a diagnostic socket Turbocharger with cooled air inlet Oil capacity: 27.6 l Voltage 12 V, charge circuit 24 V Sheet metal oil sump Antifreeze protection 25% 0/2 / BEP EEC EURO VI exhaust emissions control level Reduction in engine power of 25% when vehicle emissions are above the legislative levels Soundproofing level complies with EEC standards (80dB)	Front (BEP W035)	mm	2499							POWER TAKE-OFFS		2499			
	Front (BEP W035)	mm	2340									2340			
	Front (BEP W035)	mm	2028							0			2028		
	Front (BEP W035)	mm	1837							0	OPTIONS		1837		
	Front (BEP W035)	mm	2028									2028			

• Allison Hydraulic retarder (400 kW)

POWER TAKE-OFFS

- Gearbox PTO located on upper side at 13h.
- Outlet : DIN562 splined shaft for flanged PTO.
- Rotation : as engine.
- Torque 535 Nm.
- Ratio : 1.975
- Hydrocar HP6TL power take-off



	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Without gearbox mounted PTO	0	0	0	0	0	0	0	0	0	0
12 STEERING					12	13				
Hydraulic steering box with variable step-down power assistance	8356	8706	9006		9806	1020	1060	1105	1155	1125
Driving on the right	9400	9400	9709		10500	10900	11300	11800	12250	11950

FRONT AXLE

Load capacity (technical max.) Front axle: 7.5 t.

REAR AXLE

Liftable rear axle with single wheel fitment featuring air suspension
Load transfer to drive axle (11.5 t + 30% if speed below 30 km/h)

ENGINE EQUIPMENT

Complete gas recycling (closed circuit)
Without engine Power Take Off.
Electronic speed limiter (90 km/h).

CLUTCH

Without Clutch

GEARBOX

Allison automatic gearbox 3200V
6 forward gears and 1 reverse gear with torque converter.
Ratios: 3.49 - 0.65.
Controlled by touch pad.
2 configuration modes: "eco" and "dynamic"
Lock-up function.
Automatic gearbox cooler

RETARDER

Without exhaust retarder

OPTIONS

- Liftable rear axle with twin wheel fitment featuring air suspension
- 3rd non steerable rigid axle, single wheel
- 3rd steered rear fixed axle, single wheel fitment
- 3rd steered rear lift axle, single wheel fitment

WHEELS AND TYRES

Dimension 315/70 R22.5
Profile G. KMAX S HL/D
Steel disc wheels
Front wheel trims
Without spare wheel.



OPTIONS

- Dimension 385/55 + 315/70 R22.5
- Dimension 385/55 + 315/70 + 385/55 R22.5
- Dimension 315/80 R22.5
- Dimension 385/65 + 315/80 R22.5
- Dimension 385/65 + 315/80 + 385/65 R22.5

BRAKING

Service brake:

Braking system with two independent circuits
All-disc brakes
Electronic management of air production by APM (Air Product Management)
Dryer cartridge optimised by preventive maintenance
Disengageable air compressor
Twin-cylinder air compressor 1080 l/min, 720 cm³
Air tank mounting rubber fittings
Without rear trailer coupling.

EBS:

Anti-lock braking system (ABS).
Anti-slip regulation (ASR).
Drag torque control (Torque control during downshifting).
(Disc) brake pad wear compensation
Retarder and service brake linking
Differential engagement management (if equipped) at speeds <10 km/h (4x2)
Hill Start Assist
Braking performance warning
ESC (Electronic Stability Control) trajectory control and anti-rollover system
Coupling traction test
Emergency brake assist (EBA)

Parking brake:

Air operated spring brake actuators on rear wheels
Hand brake valve.

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits

OPTIONS

- Aluminium air tanks.
- "Differential lock release if vehicle speed exceeds 10 km/h" adaptation

CAB

Cab exterior:

Day cab

All steel Cab, electro-zinc plated and cataphoretic paint treatment.

Cab paint colour: White ekla

technical code: 09350

Red badge

Anti-spray deflectors

Four point mechanical cab suspension.

Hydraulic cab tilt.

2 heated, remote control rear view mirrors.

Rear view mirrors for bodywork up to 2.55 m wide

Fold-back front view mirror

Air horn

Roof-level air intake.

Air filter clogging indicator

Spray suppression on front wings

Tinted, laminated windscreen.

Without rear window.

OPTIONS

- 4-point cab air suspension with ride-height control system
- Adjustable roof deflector
- External sun visor
- Provision for mounting external sun visor.
- Heated and tinted laminated windscreen
- With 2 rear tinted side windows
- Tinted rear cab window

Cab interior:

Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers
Three sun blinds on windscreen
DTCO 4.0 digital chronotachograph
Air-suspended driver's seat with fitted seat belt.
Red seat belts
Adjustable passenger seat
Blower socket on central console
Raised engine tunnel.
Cab lighting time-delay.
2 Coat hooks on rear panel
Electrically operated door windows
Air conditioning
Handbook in Czech.

OPTIONS

- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)
audio playback via USB and streaming via Bluetooth 4.0 with hands-free function and steering wheel-mounted controls
- CB pre-equipment.
- Offset 24 V socket
- Air-suspended COMFORT driver's seat, with fitted seat belt, lumbar support, heated cushion and seatback, seat depth adjustment
- Air-suspended passenger seat with seatbelt.
- Passenger armrest
- Storage on engine tunnel
- Rear storage on central tunnel
- Smartphone mounting plate
- Engine hourmeter.



- Adjustment of "beam setting for toll chargers"
- "Air blower installation inside the cab" adaptation
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)
audio playback via USB and streaming via Bluetooth 4.0
with hands-free function and steering wheel-mounted controls

Steering wheel equipment:

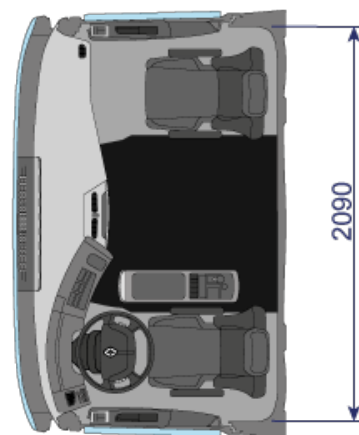
4-spoke steering wheel adjustable for height and depth,
includes cruise control controls

OPTIONS

- 4-spoke leather steering wheel adjustable for height and depth, with control for cruise control
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)
audio playback via USB and streaming via Bluetooth 4.0
with hands-free function and steering wheel-mounted controls
- Analog radio with audio playback and streaming via Bluetooth 4.0
with hands-free function and steering wheel-mounted controls

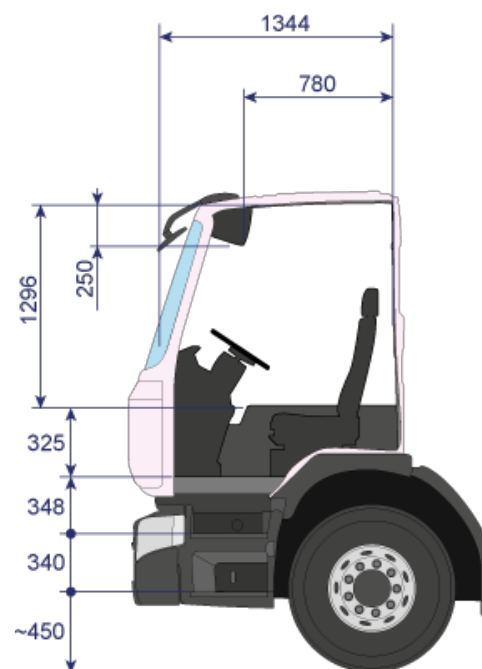
Instrument panel:

12V socket on dashboard, for accessories.
Remote control central door locking.
Cruise Control with steering wheel-mounted controls



OPTIONS

- 12 V + 24 V socket on dashboard, for accessories.
- "ONSPOT type automatic chaining system" adaptation
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)
audio playback via USB and streaming via Bluetooth 4.0
with hands-free function and steering wheel-mounted controls



ELECTRONIC EQUIPMENT:

SAE cab socket for vehicle data extraction (Optifuel Infomax).
Lane Departure Warning System (LDWS)



Advanced emergency braking system (AEBS)
English and Czech language display
Additional language (Slovak)

OPTIONS

- FMS Gateway fleet management interface
- Telematics provision including the TGW (Telematics GateWay): including antenna and subscription to Optifleet Map, Check and Drive services

ELECTRICAL EQUIPMENT

Battery capacity: 185 Ah
Batteries with level check
Battery isolation switch
Alternator : 110 amp capacity.

OPTIONS

- Maintenance-free batteries
- Battery isolation remote control
- "LED rear lights" adaptation

CHASSIS

Chassis protective paintwork, mineral grey colour
technical code: 03650
Chassis reinforcement at rear drive axle
Standard rear overhang, pre-drilled for bodybuilder
Removable front towing cap.
Front under-run protection.
Rear under-run bar.
Closing cross member with pre-drilling for towing yoke
Wings fitted in standard position.
Side exhaust.

OPTIONS

- Engine air filter with easily removable cartridges.
- Heavy duty air filter with safety cartridge
- Rear wings with anti-spray
- One wheel chock with bracket mounted on chassis.
- Two wheel chocks with bracket.

BUMPER - STEPS AND LIGHTING

3-part plastic bumper
Access to driving position by 2 stepwell steps.
Step lighting.
Electrical headlamp levelling control.
Running lights

OPTIONS

- Front fog lights.
- 2 orange rotating beacons
- Roof beacon pre-equipment

SUSPENSION

Front suspension

Front parabolic leaf springs.
Stabiliser bar

OPTIONS

- Front air suspension.

Rear suspension:

Air suspension
Suspension remote control (2 channels).

FUEL TANK

fuel CNG-GNV (compressed natural gas)
Four 100-litre steel fuel tanks within the wheelbase on the right-hand side of the chassis, raised (+ 60mm)
This equates to: 60 kg or 80 m³ of compressed gas at 200 bar
Four 100-litre steel fuel tanks within the wheelbase on the left-hand side of the chassis, raised (+ 60mm)
This equates to: 60 kg or 80 m³ of compressed gas at 200 bar

OPTIONS

- Three 100-litre steel fuel tanks within the wheelbase on the right-hand side of the chassis
This equates to: 45 kg or 60 m³ of compressed gas at 200 bar
 - Three 100-litre steel fuel tanks within the wheelbase on the right-hand side of the chassis, raised (+ 60mm)
This equates to: 45 kg or 60 m³ of compressed gas at 200 bar
 - Four 100-litre steel fuel tanks within the wheelbase on the right-hand side of the chassis
This equates to: 60 kg or 80 m³ of compressed gas at 200 bar
 - Three 100-litre steel fuel tanks within the wheelbase on the left-hand side of the chassis
This equates to: 45 kg or 60 m³ of compressed gas at 200 bar
 - Three 100-litre steel fuel tanks within the wheelbase on the left-hand side of the chassis, raised (+ 60mm)
This equates to: 45 kg or 60 m³ of compressed gas at 200 bar
 - Four 100-litre steel fuel tanks within the wheelbase on the left-hand side of the chassis
This equates to: 60 kg or 80 m³ of compressed gas at 200 bar
- CNG1 tank filler neck

STANDARD EQUIPMENT



Warning triangle.
Windscreen washer bottle capacity: 12L

OPTIONS

- Sharp angle protection.

BODYWORK

Front and rear mounting brackets for flexible fitment
Bodybuilder access through bulkhead
Orange LED side marker lights with reflector
Bodybuilder BBM electronic box interface bodybuilder expert functions via CAN bus).

Important:

Retain a minimum free height of 185 mm above the side members, over the length of the CNG bottle racks, so that the covers can be removed.

OPTIONS

- Bodywork bracket mounting holes
- Bodybuilder suspensions control:
Inhibition of suspension height regulation, platform kneeling, height regulation

SERVICE

Optifleet:

OPTIONS

- Pre-equipment for monthly Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, activation of service on request subject to monthly subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 1-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 2-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 3-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 4-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 5-year prepaid subscription

- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 6-month prepaid subscription
- Pre-equipment for monthly Optifleet Map: vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription
- Pre-equipment for monthly Optifleet Map+: high frequency vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription

GEARBOX RATIOS

1	2	3	4	5	6
3.49	1.86	1.41	1.00	0.75	0.65

PERFORMANCE

Gearbox ratio	Axle ratio	Code	Final ratio	Engine rpm at max torque	Speed	Gradient in % (2)	Engine speed at 90 km/h	Governed speed in km/h (1)
1	DRIVE AXLE RATIO 5.29	1CJ33	5.290	1360	13.67	20.08		
	DRIVE AXLE RATIO 5.41	1CJ79	5.410	1360	13.37	20.56		
	DRIVE AXLE RATIO 5.43	1CJ29	5.430	1360	13.32	20.64		
	DRIVE AXLE RATIO 5.86	1CJ30	5.860	1360	12.34	22.36		
	DRIVE AXLE RATIO 6.17	1CJ32	6.170	1360	11.72	23.62		
	DRIVE AXLE RATIO 6.18	1CJ67	6.180	1360	11.70	23.66		
	DRIVE AXLE RATIO 6.31	1CJ31	6.310	1360	11.46	24.19		
6	DRIVE AXLE RATIO 5.29	1CJ33	5.290				1667.56	108
	DRIVE AXLE RATIO 5.41	1CJ79	5.410				1705.38	106
	DRIVE AXLE RATIO 5.43	1CJ29	5.430				1711.69	105
	DRIVE AXLE RATIO 5.86	1CJ30	5.860				1847.24	97
	DRIVE AXLE RATIO 6.17	1CJ32	6.170				1944.96	93
	DRIVE AXLE RATIO 6.18	1CJ67	6.180				1948.11	92
	DRIVE AXLE RATIO 6.31	1CJ31	6.310				1989.09	90

(1) Speed limited electronically (except VI < or = 12t, where special regulations apply)

(2) Slope calculated in %, varies according to ground adhesion

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Non contractual document.

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