

Offer no. 210189

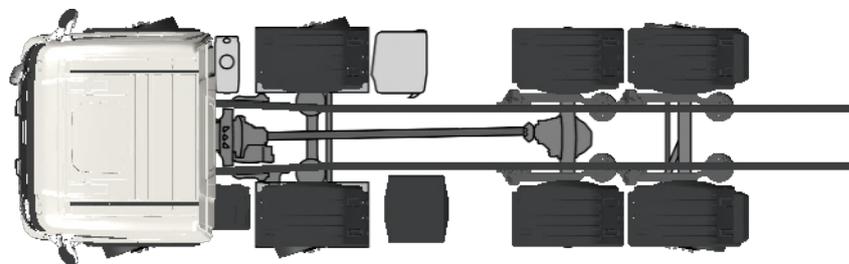
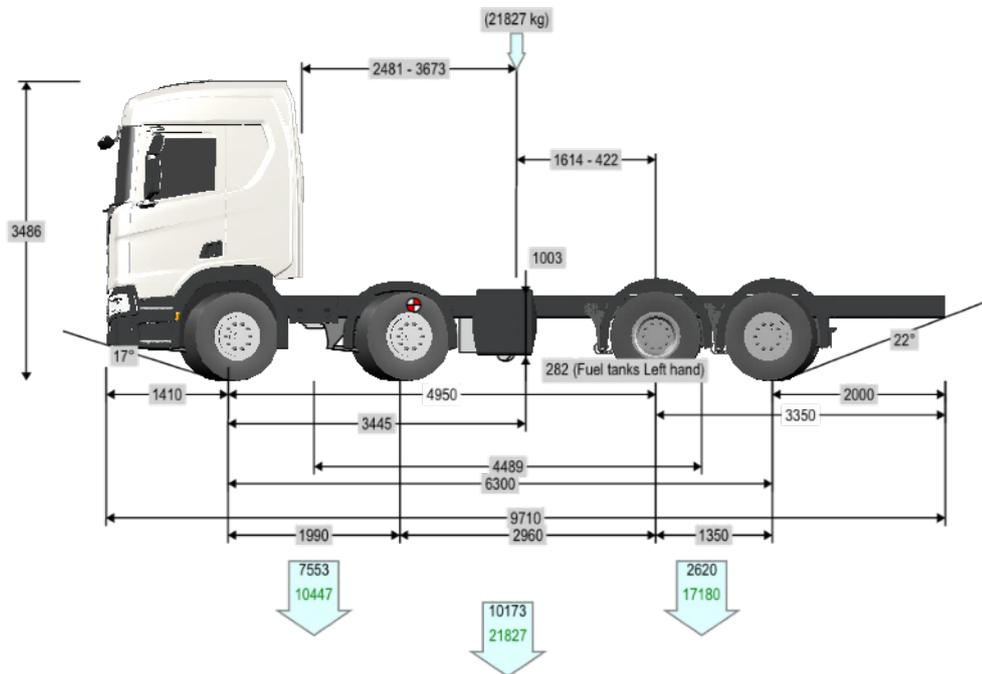
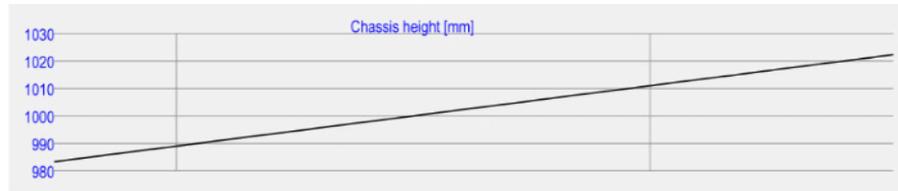
Issued by

Customer

Date 2021-03-08

Remark Weights acc. to legal limitations.

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**Transport task**Fuel properties Swedish EC1 diesel - sulphur free (818 kg/m<sup>3</sup>)**Vehicle specification**

Chassis type	B8X2*6NB
Engine	DC13 165, 500 hp (Euro 6), SCR
Gearbox	GRS905R
Retarder	R3500
Shift program	OptiCruise
Axle gear	R780
Axle gear ratio	2,92
Cab type	CR20N
Bumper	Protrusion 0, high position
Roof air deflector	Without
Side air deflector	Without
Axle distance	4950
Max. weight technical Front	18000 (9000+9000) (AIR LOW AM640S)
Max. weight technical Rear	21000 (12700+8300) (AIR 2 AD400SA AM602SA)
Differential lock	With
Rear overhang	3350
<i>Fuel tanks</i>	
Right side	Without
Left side	300W
Location	Normal
Exhaust outlet	Right hand
Battery	Left side
Side underrun protection	Without
Frame edge protection	Without
<i>Front</i>	
Tyre 1	385/65R22.5 Regional Steer Bridgestone EVO, 22.5x11.75 (Steel)
Tyre 2	385/65R22.5 Regional Steer Bridgestone EVO, 22.5x11.75 (Steel)
<i>Rear</i>	
Tyre 1	315/80R22.5 Regional Drive Bridgestone, 22.5x9.00 (Steel)
Tyre 2	385/65R22.5 Regional Steer Bridgestone EVO, 22.5x11.75 (Steel)

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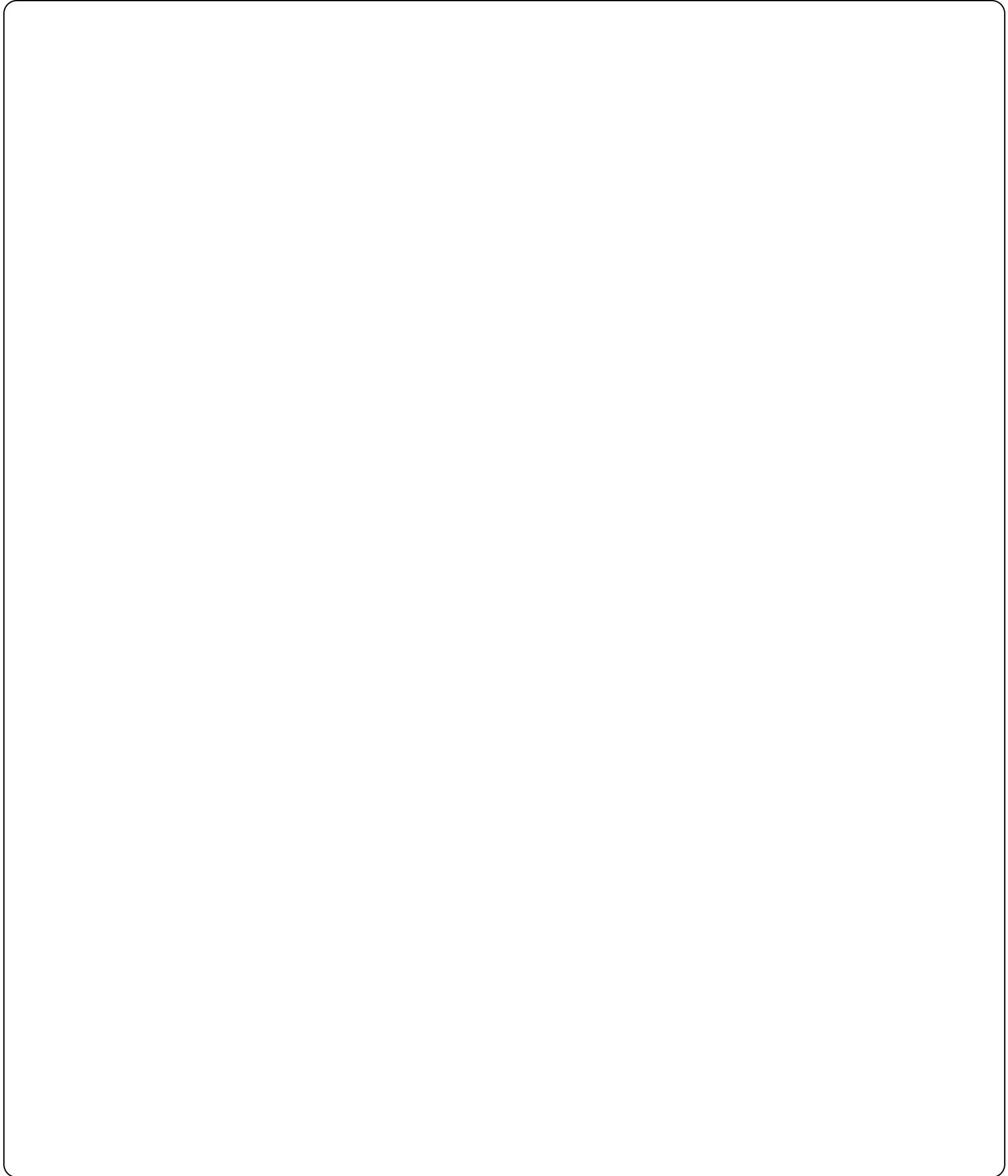
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**Main configuration**

Engine	DC13 165
Gearbox	GRS905R
Axle gear	R780
Axle gear ratio	2,92
Drive wheel dimension	315/80R22.5

**Max. performance***Route**Max. hp per tonne*

Lowest reverse speed [km/h] 2,3

*Gradeability [%]**Startability Acc. to EC 1230/2012 [%]**Startability [%]***Cruising speed performance***Gross train weight [kg]**Cruising speed [km/h]**Average speed [km/h]**Time [min]**Gear engaged**Engine revs [r/min]**Gradeability [%]**Acc. 0 to cruising speed [s]*

*NOTE! - The fuel consumption result should only be used to compare percentual differences in fuel consumption between different vehicle specifications.*

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**Fuel consumption**
*Fuel cons. [l/100 km]*

Fuel cons. (avg.) [l/100 km] \*

AdBlue cons. [l/100 km] \*

Total fuel cons. (avg.) [l/100 km] \*

Total AdBlue cons. (avg.) [l/100 km] \*

Average speed [km/h] \*

**Electric Range**

Range (km)

**Emission**

Total CO2 (avg.) [g/(ton\*km)] \*

**Height [mm]**
*Cab:*

Roof 3486 (3461)

Boarding step 461 (436)

*Frame:*

Front axle 989 (964)

Rear axle 1011 (989)

**Ground clearance [mm]**

Front axle 279 (259)

Rear axle (driven) 254 (223)

Bumper lowest part 336 (311)

Fuel tanks Left side 282 (259)

Exhaust outlet 236 (213)

SCR-tank 362 (338)

 Side skirt \*

**Angles [°]**

front incidence angle (approach angle) 17 (16)

rear incidence angle (departure angle) 22 (21)

ramp angle 20 (18)

**Miscellaneous**

Actual weight on front axles [%] 74

Actual weight on all steered axles [%] 84



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**Centre of gravity**

X = 2151 mm

Z = 883 mm

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<b>Weights [kg]</b>	<b>Front</b>	<b>Rear</b>	<b>Total</b>
	Truck		
Chassis weight*	7154	2821	9975
Extra weight (Chassis)	399	-201	198
Weight unloaded	7553	2620	10173
Payload	0	0	0
Weight loaded	7553	2620	10173
Max. weight	18000	19800	32000
Weight reserve	10447	17180	21827

\* Chassis weight includes full fuel tanks and driver weight.

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**Warnings**

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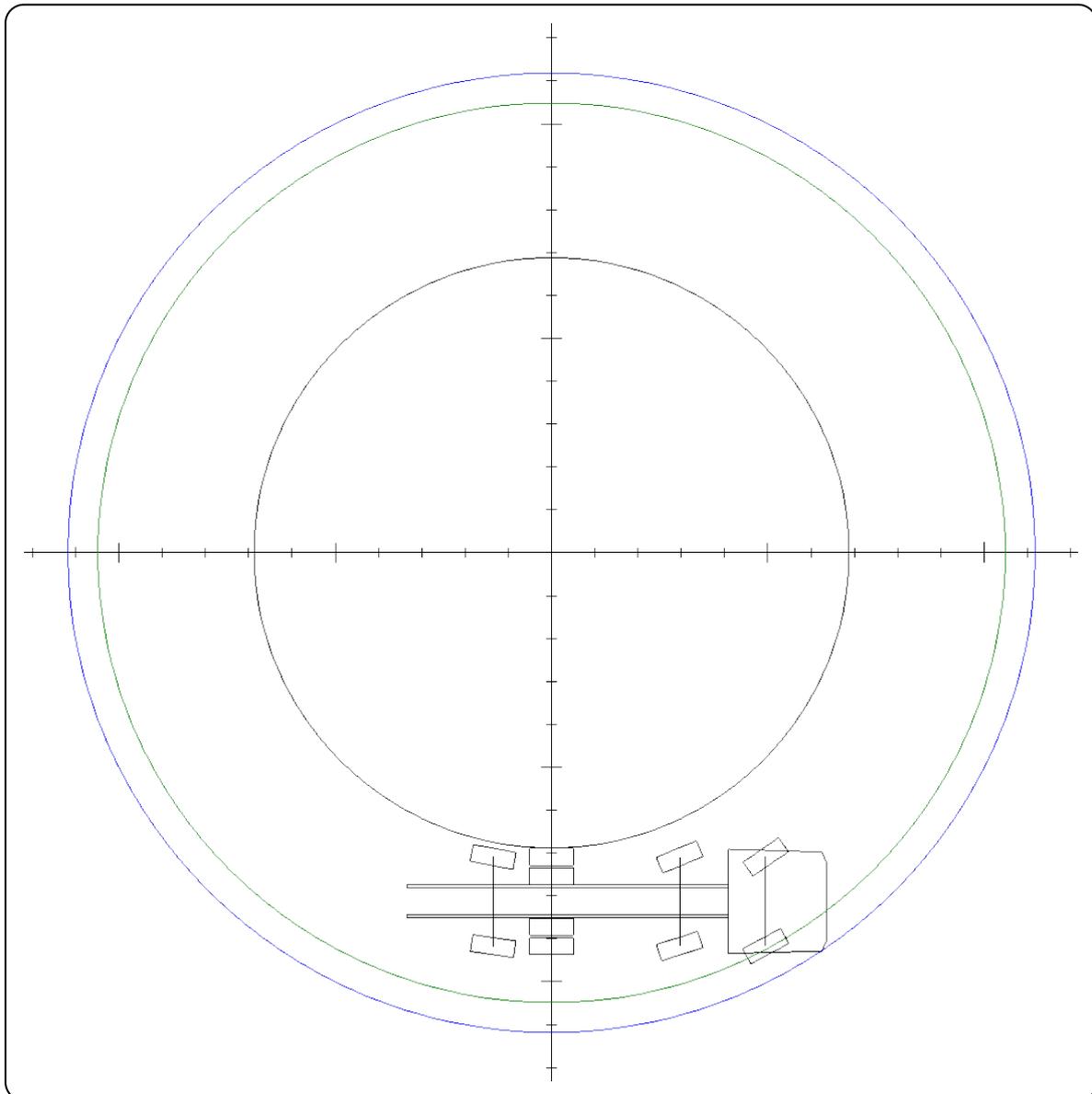
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Inner radius	6880 mm
Kerb, radius	10487 mm
Wall, radius	11182 mm

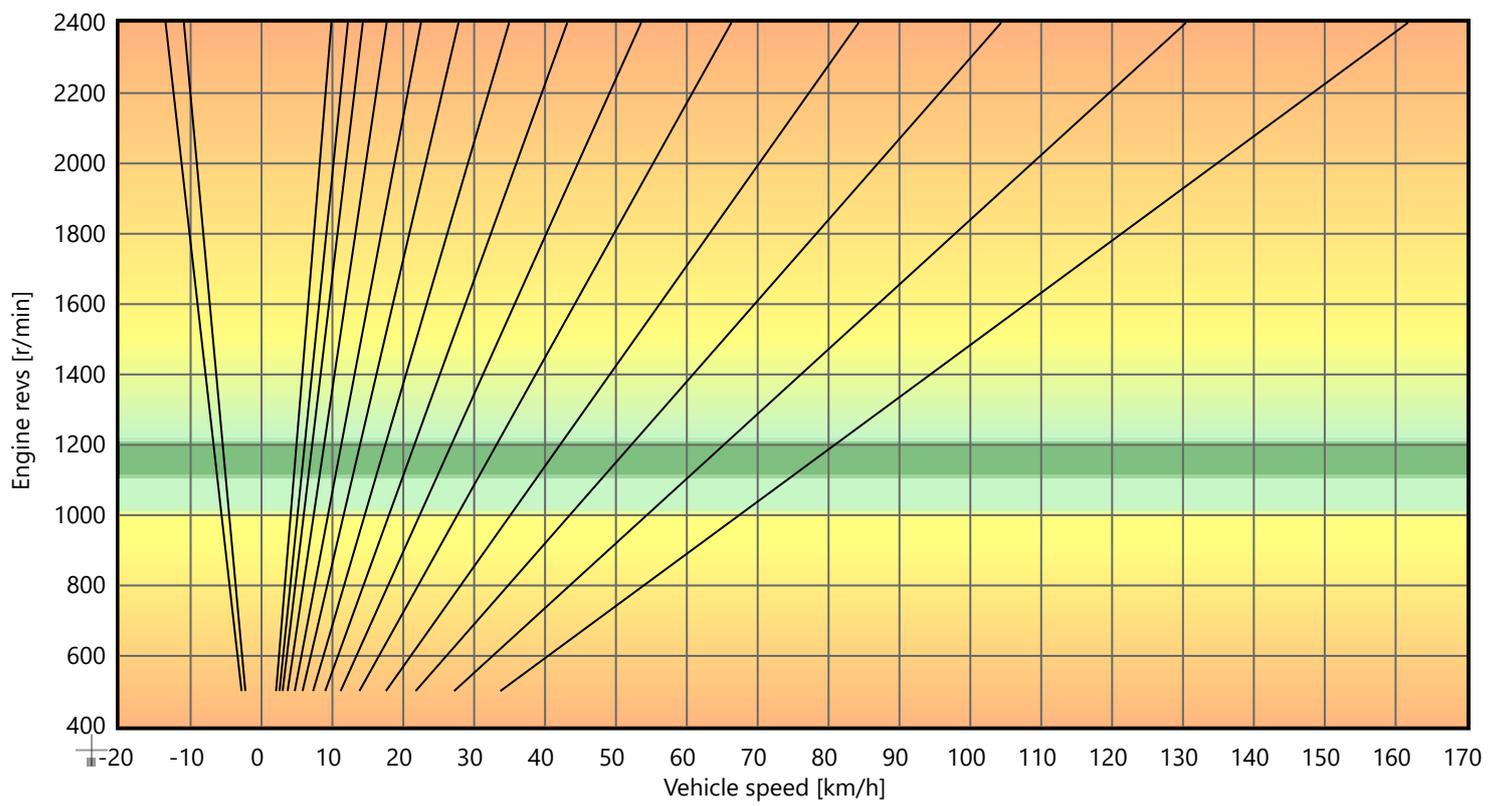


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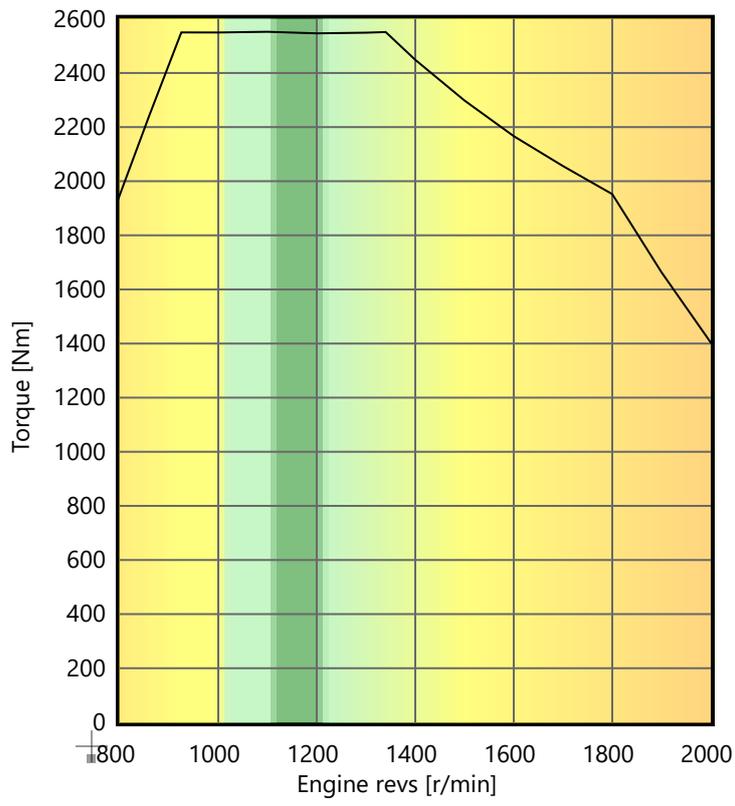
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### Gear shift performance at 0% slope



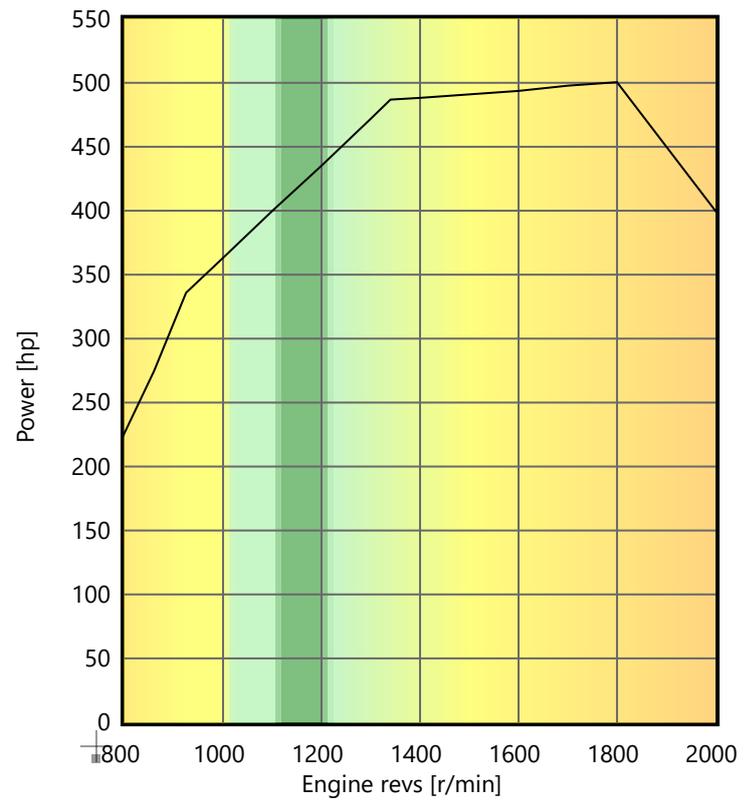
### Torque

Torque curve is not adjusted for simulation settings



### Power

performance at 0% slope - Power curve is not adjusted for simulation settings

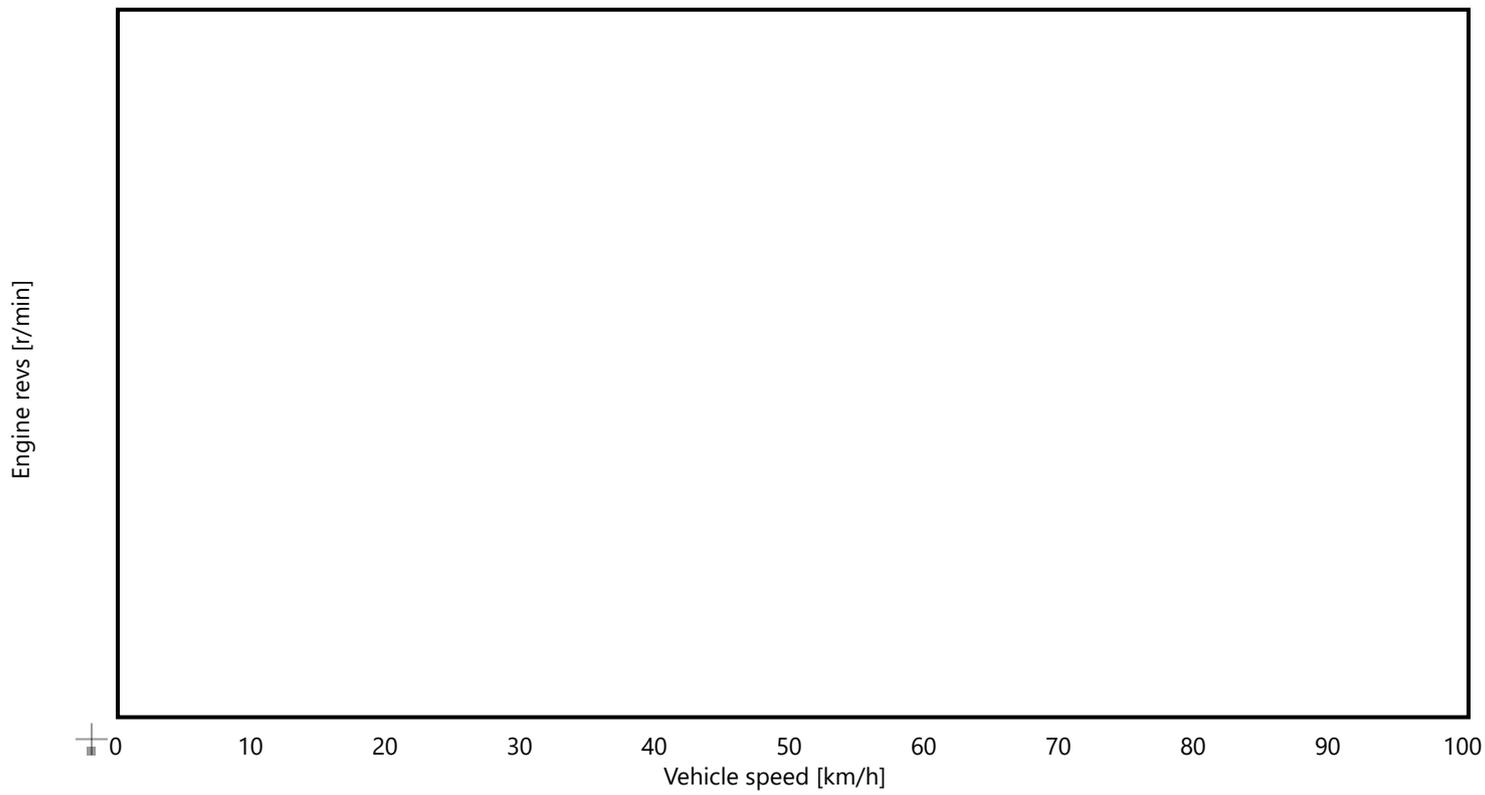


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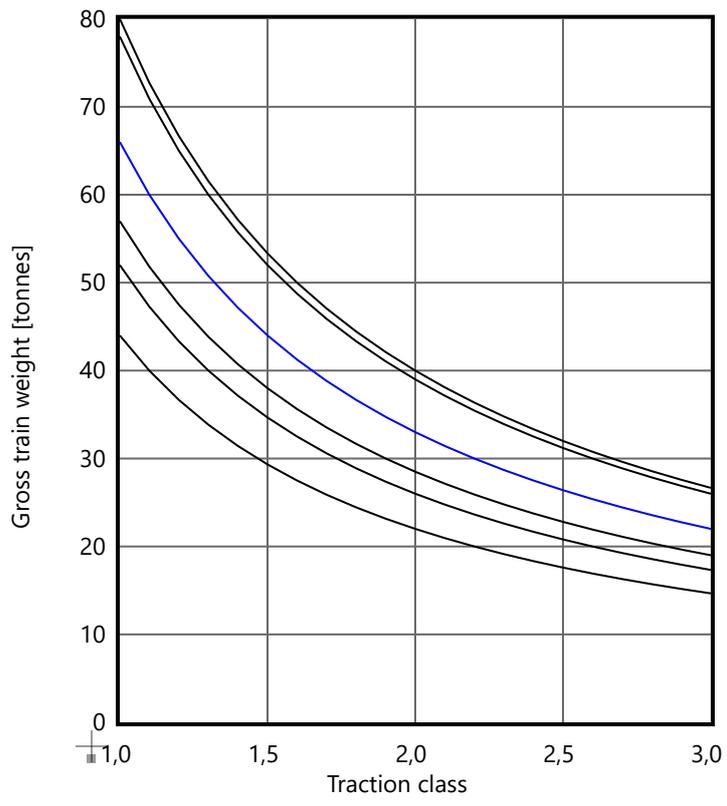
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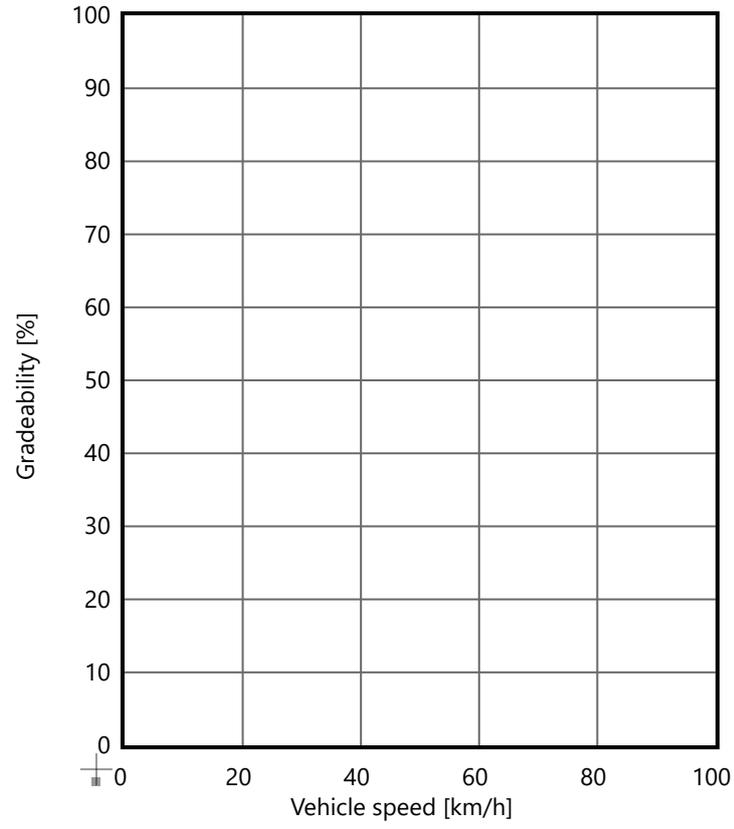
### Axle gear performance at 0% slope



### Traction class performance at 0% slope



### Gradeability

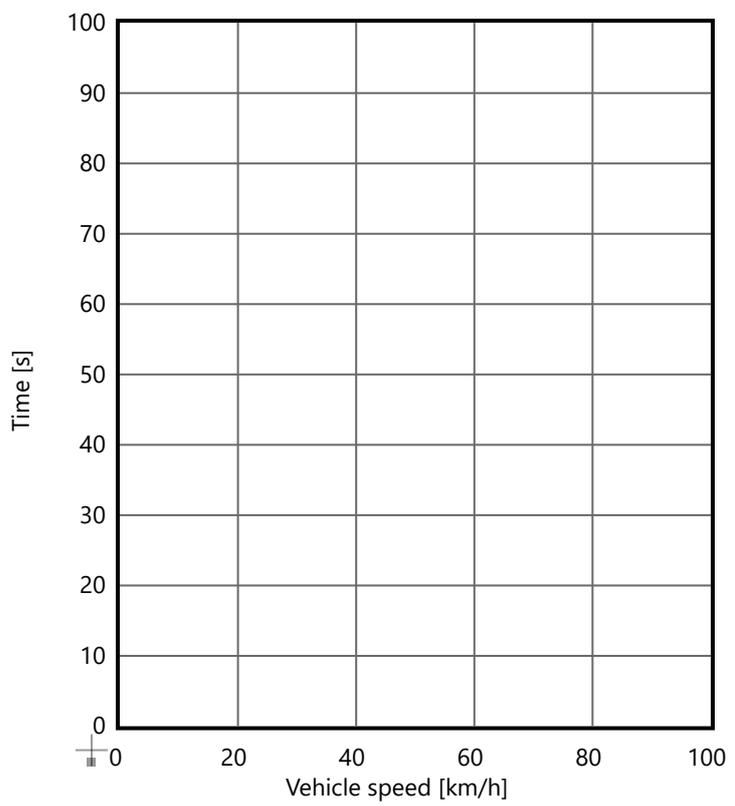


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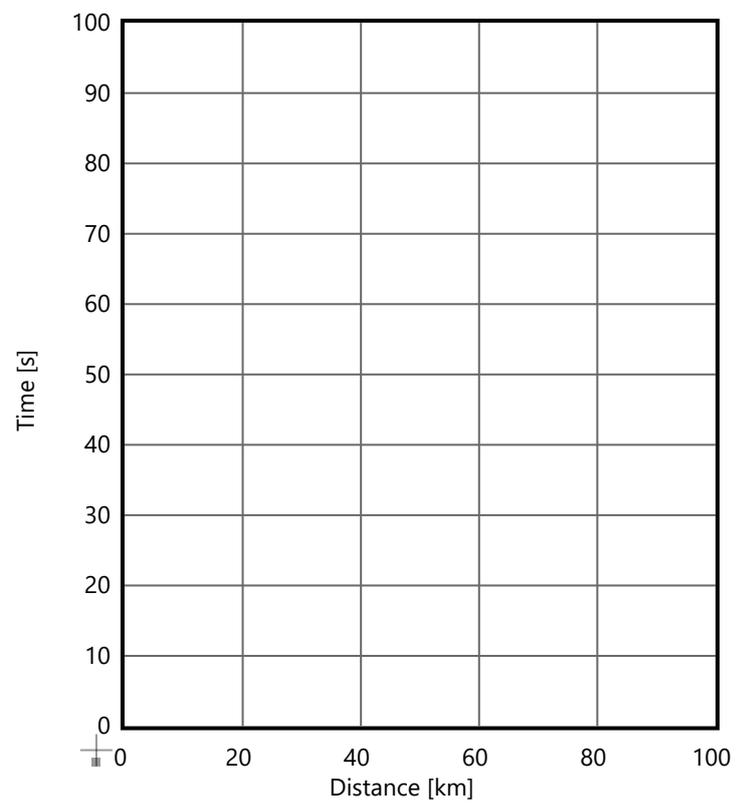
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Acceleration - Vehicle speed  
performance at 0% slope



Acceleration - Distance  
performance at 0% slope



Auxiliary brakes

