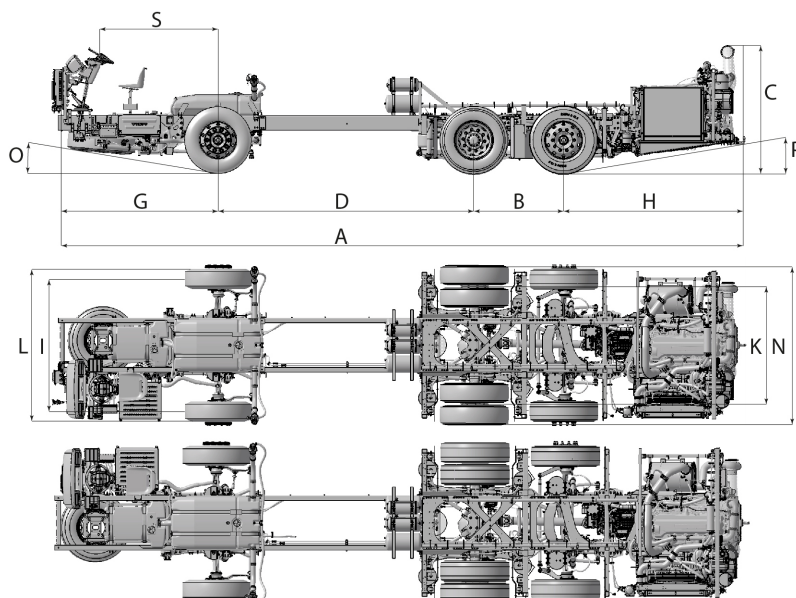


VOLVO B11R, 6X2

Euro 3



Model		B11R, 6x2, RFS	B11R, 6x2, IFS
Overall dimensions			
A	Overall length (mm)	C steering	11220-13620
		F steering	11570-13970
		FX steering	11800-14200
B	Bogie (mm)		1400
C	Frame height at rear structure (mm)*		1531
D	Transport wheelbase (mm)		4000
	Approved wheelbase (mm)		5000-7400
G	Front overhang	C steering	2150
		F steering	2500
		FX steering	2730
H	Rear overhang (mm)		2670
	Optional rear overhang (mm)		3250
S	Steering wheel position (mm)	C steering	1467
		F steering	1817
		FX steering	2047
I	Track, front (mm)*		2055
K	Track, rear (mm)*		1834
L	Overall width front wheels (mm)*		2490
N	Overall width rear wheel (mm)*		2471
O	Approach angle (°)		8.4
P	Departure angle (°)		8.9
	Departure angle for optional rear overhang (°)		7.3
*) Track width, overall width and frame height are measured with tyres: and steel rims:			
		295/80R22.5"	295/80R22.5"
		8.25" x 22.5"	8.25" x 22.5"

VOLVO B11R, 6X2

Euro 3

Model	B11R, 6x2, RFS	B11R, 6x2, IFS
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Weights		
Permitted front axle load (kg)	7500	7500
Permitted drive axle load (kg)	12000	12000
Bogie axle load (kg)	17250/19000	n/a17250/19000
Permitted tag axle load (kg)	5750/7500	5750/7500
Permitted GVW (kg)	24750/26500	24750/26500

Engine	D11A	D11A
Emission standard	Euro 3	Euro 3
Engine system	Common rail	Common rail
Displacement (dm ³)	10.8	10.8
Cylinders/arrangement	6/in-line	6/in-line
Engine rating	D11A370	D11A370
Output (hp)	370	370
Output ISO 1585 (kW)	273	273
Torque ISO 1585 (Nm)	1780	1780
at engine speed (rpm)	1150	1150
Engine rating	D11A430	D11A430
Output (hp)	430	430
Output ISO 1585 (kW)	315	315
Torque ISO 1585 (Nm)	1980	1980
at engine speed (rpm)	1150	1150

Fuel tanks		
Diesel (L)	2 x 150, 3 x 150, 400, 480, 560, 580, 600, 700, 720	2 x 150, 3 x 150, 400, 480, 560, 580, 600, 700, 720
Transport (L)	50	50

Transmission and axles		
Gearboxes	Volvo I-Shift AT2412G Volvo I-Shift AT2612G	Volvo I-Shift AT2412G Volvo I-Shift AT2612G
Front axle	Volvo RFS	Volvo RFS
Rear axle	Volvo ES1228C	Volvo ES1228C
Tag axle	n/a	n/a
Differential lock	Optional	Optional

Suspension and steering		
Air bellows, front	2	2
Air bellows, rear	4	4
Air bellows, tag	2	2
Kneeling	Optional	Optional
Max wheel angle; with tyres 295/80R22.5	52° ± 1°	53° ± 1°
Power steering	Hydraulic power steering	Hydraulic power steering
Steering wheel position	LHD/RHD	LHD/RHD

Important information

For variants concerning wheelbase, steering wheel diameter and permitted front axle load, see Type approval according to ECE R79 and ECE R13.

Cooling system

- Fluid cooled
- Pressurized cooling system

Exhaust system

- One box muffler design

VOLVO B11R, 6X2

Euro 3

Tyres and rims

- 10-stud steel or aluminium wheels
- Dual driving axle wheels
- Spare wheel is optional

Rims	Tyres
8.25" x 22.5"	295/80 R22.5"
9" x 22.5"	315/80 R22.5"

Air and brake system

- Volvo disc brakes
- Electronic Braking System (EBS 5)
- Anti-lock Braking System (ABS)
- Acceleration Slip Regulation (ASR)
- Brake blending
- Hill Start Aid
- Brake temperature warning
- Poor brake performance warning
- Door brake
- Brake Assistant
- Lining wear sensing and analysis
- Automatic calibration after brake pad change
- Pneumatic system, easily filled from external circuit

Driver's seat and station

- Volvo dashboard
- Adjustable steering wheel, height and tilt
- Instrument cluster:
 - speedometer
 - rev counter
 - 6.5" display
 - fuel gauge
 - coolant temperature
 - brakes
 - turbo and oil pressure
 - indicators
 - warning lamps
- Emergency switch
- Tachograph
- Climate control unit
- Audio control panel
- Radio switches in steering wheel
- Data logging
- Volvo Alcolock
- External Temperature Meter
- Fuel Economy Meter
- Engine controls in engine compartment to enable engine operation from the rear of vehicle

Electrical system

- Voltage: 24V
- Number of batteries: 2 x 12 V
- Electronic data bus system, Multiplex 2
- Battery capacity: 165, 170, 225 Ah
- Alternators max output: 2 x 120 A, 2 x 150 A