

Model range and engines

		Panel van											
GVW [t]		3.0 t		3.5 t				4.6 t			5.0 t		
Vehicle Length		S	M	S	M	L	XL	M	L	XL	M	L	XL
		Roof height											

4x2 drive system													
209 CDI/309 CDI 65 kW (88 hp)	SR	•	•	•	•								
	HR	•	•	•	•	•	•						
	SHR				•	•	•						
211 CDI/311 CDI/411 CDI/511 CDI 80 kW (109 hp)	SR	•	•	•	•			•			•		
	HR	•	•	•	•	•	•	•	•	•	•	•	•
	SHR				•	•	•	•	•	•	•	•	•
213 CDI/313 CDI 95 kW (129 hp)	SR	•	•	•	•								
	HR	•	•	•	•	•	•						
	SHR				•	•	•						
215 CDI/315 CDI/415 CDI/515 CDI 110 kW (150 hp)	SR	•	•	•	•			•			•		
	HR	•	•	•	•	•	•	•	•	•	•	•	•
	SHR				•	•	•	•	•	•	•	•	•
218 CDI/318 CDI/418 CDI/518 CDI 135 kW (184 hp)	SR	•	•	•	•			•			•		
	HR	•	•	•	•	•	•	•	•	•	•	•	•
	SHR				•	•	•	•	•	•	•	•	•
316 NGT 115 kW (156 hp) Natural-gas (CNG) and petrol engine	SR				•								
	HR				•	•	•						
	SHR				•	•	•						

4x4 drive system													
311 CDI 4x4/511 CDI 4x4 80 kW (109 hp)	SR				•						•		
	HR				•	•					•	•	
	SHR				•	•					•	•	
315 CDI 4x4/515 CDI 4x4 110 kW (150 hp)	SR				•						•		
	HR				•	•					•	•	
	SHR				•	•					•	•	
318 CDI 4x4/518 CDI 4x4 135 kW (184 hp)	SR				•						•		
	HR				•	•					•	•	
	SHR				•	•					•	•	

**Key for model range:
wheelbases/body types**

S = Short - 3250 mm
M = Medium - 3665 mm

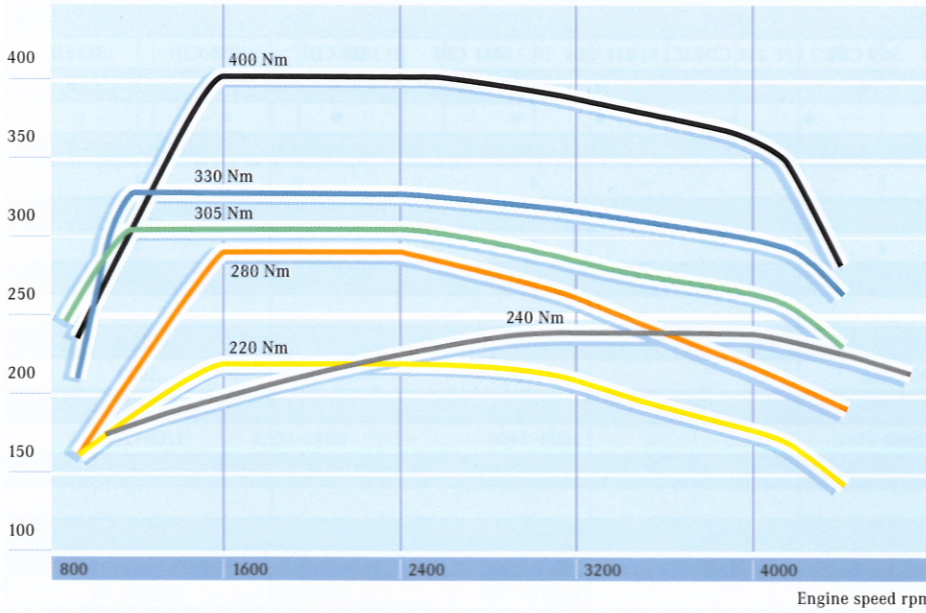
L = Long - 4325 mm
XL = Extra Long - 4325 mm (with long overhang of 2015 mm)

Roof heights






SR = standard roof HR = high roof
SHR = super-high roof

Torque curves

Nm Rated torque



Torque curves*:

	OM 646 DE22LA CDI engine 65 kW (88 hp)
	OM 646 DE22LA CDI engine 80 kW (109 hp)
	OM 646 DE22LA CDI engine 95 kW (129 hp)
	OM 646 DE22LA CDI engine 110 kW (150 hp)
	OM 642 DE30LA CDI engine 135 kW (184 hp)

*CDI engines certified to EURO4/EU4 Gr. III



Technical data

	Diesel engines							
Models	209 CDI	309 CDI	211 CDI	311 CDI	411 CDI	511 CDI	213 CDI	313 CDI
4x2 drive system	●	●	●	●	●	●	●	●
4x4 drive system	-	-	-	●	-	●	-	-
Engine	OM 646 DE22LA		OM 646 DE22LA			OM 646 DE22LA		
No. of cylinders	4		4			4		
Arrangement	In-line		In-line			In-line		
No. of valves	4		4			4		
Displacement [cc]	2148		2148			2148		
Rated output [kW/hp]	65/88		80/109			95/129		
at engine speed [rpm]	3800		3800			3800		
Rated torque [Nm]	220		280			305		
at engine speed [rpm], EURO4	1600-2600		1600-2400			1200-2400		
at engine speed [rpm], EU4/III	-		1600-2400			-		
Fuel type	Diesel							
Tank capacity [l]	Approx. 75		Approx. 75			Approx. 75		
Capacity of compressed-gas tanks [l] ¹⁾	-		-			-		
Mixture preparation	Electronically controlled direct injection with common rail, turbocharger and charge-air cooling							
Battery [V/Ah]	12/74		12/74			12/74		
Alternator [V/A]	14/90		14/90			14/90		
GVW [kg]	3000	3500	3000	3500	4600	5000	3000	3500
Gross combination weight [kg]	5000	5500/ 6300 ²⁾	5000	5500/ 6300 ²⁾	6600	7000	5000	5500/ 6300 ²⁾

¹⁾ Depending on number and capacity of compressed-gas tanks. Additional tanks are available as special equipment for the 3.5-t variant. Additional tanks are not available for the 5-t variant

²⁾ Increased gross combination weight dependent on powertrain version and optional equipment

³⁾ Fuel consumption figures for natural gas type H in kg/100 km and m³/100 km, differences are possible if L gas is used

⁴⁾ Depending on the capacity of the compressed-gas tanks and the gas quality

Diesel engines								Natural-gas/ petrol engine
215 CDI	315 CDI	415 CDI	515 CDI	218 CDI	318 CDI	418 CDI	518 CDI	316 NGT
•	•	•	•	•	•	•	•	•
-	•	-	•	-	•	-	•	-
OM 646 DE22LA				OM 642 DE30LA				M 271 E 18ML
4				6				4
in-line				V 72°				in-line
4				4				4
2148				2987				1796
110/150				135/184				115/156
3800				3800				5000
330				400				240
1200-2400				1600-2600				-
1800-2400				-				3000-4000
Diesel								Natural gas (CNG) and premium unleaded
Approx. 75				Approx. 75				Approx. 100
-				-				Approx. 125-210
Electronically controlled direct injection with common rail, turbocharger and charge-air cooling								Electronically controlled injection
12/74				12/100				12/74
14/90				14/180				14/150
3000	3500	4600	5000	3000	3500	4600	5000	3500
5000	5500/ 6300 ²⁾	6600	7000	5000	5500/ 6300 ²⁾	6600	7000/ 8000 ²⁾	5500

316 NGT natural-gas/petrol engine			
Fuel consumption with manual transmission and vehicle registered as commercial vehicle		Fuel consumption	CO ₂ overall [g/km]
Natural gas, urban/extra-urban/combined ³⁾	m ³ /100 km kg/100 km	19.9-20.4/10.8-11.3/14.2-14.7 13.0-13.3/7.1-7.4/9.3-9.6	254-263
Fuel consumption with automatic transmission and vehicle registered as commercial vehicle		Fuel consumption	CO ₂ overall [g/km]
Natural gas, urban/extra-urban/combined ³⁾	m ³ /100 km kg/100 km	17.8-18.3/10.8-11.3/13.4-13.9 11.6-12.0/7.1-7.4/8.8-9.1	240-249
Range [km] 316 NGT	Natural gas ¹⁾⁴⁾ Natural gas + petrol ¹⁾⁴⁾		Up to 470 Up to 1200