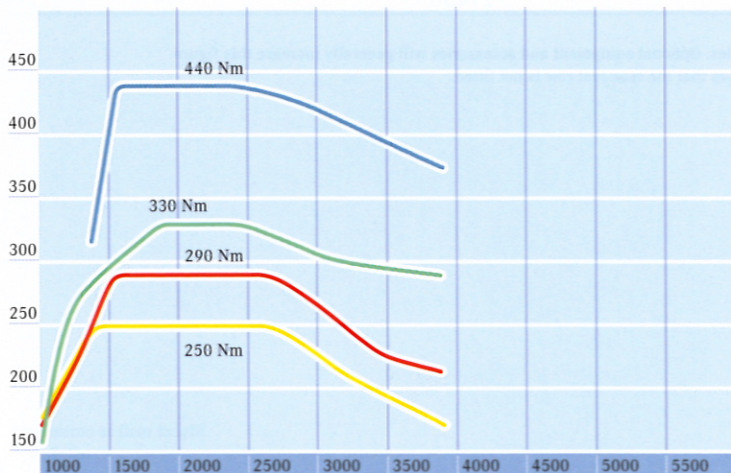


# Technical data

Vito	with rear-wheel drive			
Model	109 CDI	111 CDI	115 CDI	120 CDI
Engine <sup>1)</sup>	OM 646 DE22LA	OM 646 DE22LA	OM 646 DE22LA	OM 642 DE30LA
No. of cylinders/valves per cylinder	4/4	4/4	4/4	6/4
Arrangement	in-line	in-line	in-line	V 72°
Bore [mm]	88.0	88.0	88.0	83.0
Stroke [mm]	88.3	88.3	88.3	92.0
Displacement [cc]	2148	2148	2148	2987
Compression ratio	18 : 1	18 : 1	18 : 1	18 : 1
Rated output [kW/hp]	70/95	85/116	110/150	150/204
at engine speed [rpm]	3800	3800	3800	3800
Rated torque [Nm]	250	290	330	440
at engine speed [rpm]	1400-2600	1600-2600	1800-2400	1600-2400
Fuel type	Diesel			
Tank capacity (reserve) [l]	75 (9)	75 (9)	75 (9)	75 (9)
Mixture preparation	Electronically controlled direct injection with common rail, turbocharger and intercooler, with piezo injectors			
Battery [V/Ah]	12/74	12/74	12/74	12/74
Alternator [V/A]	14/180	14/180	14/180	14/180
Towing capacity [kg]	braked 2000 unbraked 750	1500-2000 <sup>2)</sup> 750	1500-2000 <sup>3)</sup> 750	2000 750
Perm. gross combination weight [kg]	4600	4270-4770/ 4440-4940 <sup>3)</sup>	4270-4770/ 4440-4940 <sup>3)</sup>	4770/4940 <sup>3)</sup>
Increased towing capacity [kg] (optional), braked, manual/automatic transmission	-	-/2500	2500/2500	-/2500
Increased gross combination weight [kg] (optional) manual/automatic transmission	-	-/5300 <sup>3)</sup>	5100/5300 <sup>3)</sup>	-/5100-5300 <sup>3)</sup>

## Torque curves<sup>1)</sup>:

Nm Torque



Engine speed rpm

CDI engine OM 646 DE22LA	70 kW (95 hp)
CDI engine OM 646 DE22LA	85 kW (116 hp)
CDI engine OM 646 DE22LA	110 kW (150 hp)
CDI engine OM 642 DE30LA	150 kW (204 hp)

<sup>1)</sup>CDI engines with piezo injectors certified to EU4/III (standard-specification 4-cylinder CDI engines have no diesel particulate filter, 6-cylinder CDI engine has diesel particulate filter as standard)

<sup>2)</sup>Depending on the rear axle ratio

<sup>3)</sup>Permitted GVW of the towing vehicle is 2940/3200 kg