



## Media Information

### New Opel Insignia Grand Sport and Insignia Sports Tourer: Technical Data Overview

Gasoline engines	1.5 Direct Injection Turbo	1.5 ECOTEC Direct Injection Turbo	1.5 Direct Injection Turbo	2.0 Direct Injection Turbo
Drivetrain	Front-wheel drive	Front-wheel drive	Front-wheel drive	Adaptive 4x4 all-wheel drive
Emission classification	Euro 6	Euro 6	Euro 6	Euro 6
Fuel	Super <sup>1</sup>	Super <sup>1</sup>	Super <sup>1</sup>	Super <sup>1</sup>
Number of cylinders	4	4	4	4
Displacement in cm <sup>3</sup>	1,490	1,490	1,490	1,998
Bore / stroke in mm	74.0 / 81.0	74.0 / 81.0	74.0 / 81.0	86.0 / 96.0
Max. output in kW (hp)	103 (140)	103 (140)	121 (165)	191 (260)
Max. torque in Nm / at rpm	250 / 2,000–4,100	250 / 2,000–4,100	250 / 2,000–4,500	400 / 2,500–4,000
Compression ratio	10.1 : 1	10.1 : 1	10.1 : 1	9.5 : 1
Fuel tank volume in l	62	62	62	62

<sup>1</sup> All gasoline engines may be operated with unleaded gasoline 91 RON (regular), unleaded gasoline 95 RON (super) and unleaded gasoline 98 RON (super plus), whereby a maximum ethanol content of 10% (E10) is allowed in each case. Data on performance and consumption refer to operation with the type of fuel stated in the chart.



Gasoline engines	1.5 Direct Injection Turbo	1.5 ECOTEC Direct Injection Turbo	1.5 Direct Injection Turbo	2.0 Direct Injection Turbo
<b>Weight and axle loads in kg</b>				
Drivetrain	Front-wheel drive	Front-wheel drive	Front-wheel drive	Adaptive 4x4 all-wheel drive
<b>Grand Sport manual/automatic transmission</b>				
Curb weight incl. driver (acc. to 70/156/EEC)	1,441	1,456	1,441/1,472	1,649
Permissible gross vehicle weight	2,015	2,000	2,015/2,040	2,245
Payload	575	544	575/568	596
Permissible axle load, front	1,020	995	1,020/1,045	1,140
Permissible axle load, rear	1,005	1,015	1,005/1,005	1,115
Permissible roof load <sup>2)</sup>	100	100	100/100	100
<b>Sports Tourer manual/automatic transmission</b>				
Curb weight incl. driver (acc. to 70/156/EEC)	1,487	1,487	1,487/1,522	1,683
Permissible gross vehicle weight	2,080	2,080	2,085/2,110	2,295
Payload	593	593	598/588	612
Permissible axle load, front	1,015	1,015	1,020/1,045	1,135
Permissible axle load, rear	1,075	1,075	1,075/1,075	1,170
Permissible roof load <sup>2)</sup>	100	100	100/100	100
<b>Trailer load in kg</b>				
<b>Grand Sport manual/automatic transmission</b>				
Unbraked	700	700	700/700	750
Braked at 12% gradient	1,405	1,405	1,405/1,405	2,200
<b>Sports Tourer manual/automatic transmission</b>				
Unbraked	730	730	730/730	750
Braked at 12% gradient	1,405	1,405	1,405/1,405	2,200

<sup>2)</sup>Under consideration of gross vehicle weight. For safety reasons it is recommended not to drive over 120 km/h with a roof load.

**All data refer to the European base model with standard equipment.** Additional equipment can raise the vehicle's curb weight and in some cases also increase the permissible gross vehicle weight, the maximum permissible axle loads and respectively reduce the permitted payload. Curb weight includes the driver (68 kilograms) and 7 kilograms of luggage. Payload refers to the weight of additional passengers and luggage (excluding driver).



Diesel engines	1.6 ECOTEC Diesel <sup>3</sup>	1.6 Diesel <sup>3</sup>	2.0 Diesel
Drivetrain	Front-wheel drive	Front-wheel drive	Front-wheel drive
Emission classification	Euro 6 <sup>4</sup>	Euro 6 <sup>4</sup>	Euro 6 <sup>5</sup>
Fuel	Diesel	Diesel	Diesel
Number of cylinders	4	4	4
Displacement in cm <sup>3</sup>	1,598	1,598	1,956
Bore / stroke in mm	79.7 / 88.7	79.7 / 88.7	83.0 / 90.0
Max. output in kW (hp)	81 (110)	100 (136)	125 (170)
Max. torque in Nm / at rpm	300 / 1,750-2,000	320 / 2,000-2,250	400 / 1,750-2,500
Compression ratio	16.0 : 1	16.0:1	16.5 : 1
Fuel tank volume in l	62	62	62

<sup>3</sup>) 1.6 ECOTEC® Diesel and 1.6 Diesel not available for Sports Tourer.

<sup>4</sup>)Maintenance-free diesel particulate filter

<sup>5</sup>)Maintenance-free diesel particulate filter; exhaust-gas aftertreatment with SCR(Selective Catalytic Reduction) withAdBlue® (urea injection). Vehicles withBlueInjectiontechnology require refilling AdBlue® between regular service intervals. A display in the vehicle indicates when refilling is necessary. More information at [www.opel.de/adblueinfo](http://www.opel.de/adblueinfo).



Diesel engines	1.6 ECOTEC Diesel <sup>3</sup>	1.6 Diesel <sup>3</sup>	2.0 Diesel
<b>Weight and axle loads in kg</b>			
Drivetrain	Front-wheel drive	Front-wheel drive	Front-wheel drive
<b>Grand Sport manual/automatic transmission</b>			
Curb weight incl. driver (acc. to 70/156/EEC)	1,503	1,503/1,522	1,582
Permissible gross vehicle weight	2,035	2,070/2,095	2,185
Payload	532	567/573	603
Permissible axle load, front	1,045	1,075/1,105	1,135
Permissible axle load, rear	1,000	1,005/1,000	1,060
Permissible roof load <sup>5)</sup>	100	100/100	100
<b>Sports Tourer manual/automatic transmission</b>			
Curb weight incl. driver (acc. to 70/156/EEC)	–	–	1,633
Permissible gross vehicle weight	–	–	2,240
Payload	–	–	607
Permissible axle load, front	–	–	1,125
Permissible axle load, rear	–	–	1,125
Permissible roof load <sup>5)</sup>	–	–	100
<b>Trailer load in kg</b>			
<b>Grand Sport manual/automatic transmission</b>			
Unbraked	720	750/750	750
Braked at 12% gradient	1,405	1,405/1,300	1,950
<b>Sports Tourer manual/automatic transmission</b>			
Unbraked	–	–	750
Braked at 12% gradient	–	–	1,950

<sup>3)</sup> 1.6 ECOTEC® Diesel and 1.6 Diesel not available for Sports Tourer.

<sup>5)</sup> Under consideration of gross vehicle weight. For safety reasons it is recommended not to drive over 120 km/h with a roof load.

**All data refer to the European base model with standard equipment.** Additional equipment can raise the vehicle's curb weight and in some cases also increase the permissible gross vehicle weight, the maximum permissible axle loads and respectively reduce the permitted payload. Curb weight includes the driver (68 kilograms) and 7 kilograms of luggage. Payload refers to the weight of additional passengers and luggage (excluding driver).



INSIGNIA GRAND SPORT								
Six-speed manual transmission	Maximum speed in km/h	Acceleration from 0 – 100 km/h in seconds	Elasticity 80 – 120 km/h in 5th gear in seconds	Fuel consumption in l/100 km			CO <sub>2</sub> emissions in g/km combined	Efficiency rating
				Urban	Extra-urban	Combined		
1.5 Direct Injection Turbo (103 kW) with Start/Stop	210	9.9	10.6	7.5	4.9	5.9	133	B
1.5 ECOTEC Direct Injection Turbo (103 kW) with Start/Stop	213	9.9	10.4	7.3	4.7	5.7	129	B
1.5 Direct Injection Turbo (121 kW) with Start/Stop	222	8.9	9.6	7.3	5.2	6.0	136	C
1.5 ECOTEC Direct Injection Turbo (121 kW) with Start/Stop	225	8.9	9.4	7.3	4.8	5.7	130	B
1.6 ECOTEC Diesel (81 kW) with Start/Stop	205	11.6	10.5	4.6	3.6	4.0	105	A+
1.6 Diesel (100 kW) with Start/Stop	211	10.5	8.9	5.1	3.9	4.3	114	A
2.0 Diesel (125 kW) with Start/Stop	226	8.7	7.3	6.7	4.3	5.2	136	B
<b>Six-speed automatic</b>								
1.5 Direct Injection Turbo (121 kW) with Start/Stop	218	9.4	–	7.5	5.3	6.1	138	C
1.6 Diesel (100 kW) with Start/Stop	203	10.9	–	6.1	4.5	5.1	134	B
<b>Eight-speed automatic with 4x4 all-wheel drive</b>								
2.0 Direct Injection Turbo (191 kW) with Start/Stop	250	7.3	–	11.2	7.1	8.6	197	E

**All data refer to the European base model with standard equipment.** Fuel consumption data and CO<sub>2</sub> emissions data are determined according to regulation 2007/715/EC, taking into consideration the vehicle curb weight, as stipulated by the regulation. The data do not refer one individual vehicle and are not part of the offer; they are exclusively for the purpose of comparison between different vehicle types. Additional equipment can lead to slightly higher fuel consumption and therefore CO<sub>2</sub> exhaust emissions than the declared values. In addition, maximum speed may be decreased while acceleration time can be increased. The published performance figures are possible with the vehicle's curb weight excluding driver plus a 200 kilogram load allowance.



INSIGNIA SPORTS TOURER								
Six-speed manual transmission	Maximum speed in km/h	Acceleration 0 – 100 km/h in seconds	Elasticity 80 – 120 km/h in 5th gear in seconds	Fuel consumption in l/100 km			CO <sub>2</sub> emissions in g/km combined	Efficiency rating
				Urban	Extra-urban	Combined		
1.5 Direct Injection Turbo (103 kW) with Start/Stop	207	10.2	10.8	7.7	4.9	6.0	136	B
1.5 ECOTEC Direct Injection Turbo (103 kW) with Start/Stop	210	10.2	10.6	7.6	4.8	5.8	132	B
1.5 Direct Injection Turbo (121 kW) with Start/Stop	218	9.2	9.8	7.6	5.2	6.1	139	C
1.5 ECOTEC Direct Injection Turbo (121 kW) with Start/Stop	221	9.2	9.8	7.5	4.9	5.8	133	B
2.0 Diesel (125 kW) with Start/Stop	223	8.9	7.5	6.9	4.3	5.3	139	B
<b>Six-speed automatic</b>								
1.5 Direct Injection Turbo (121 kW) with Start/Stop	214	9.6	–	7.7	5.3	6.2	141	C
<b>Eight-speed automatic with 4x4 all-wheel drive</b>								
2.0 Direct Injection Turbo (191 kW) with Start/Stop	245	7.5	–	11.5	7.1	8.7	199	E

**All data refer to the European base model with standard equipment.** Fuel consumption data and CO<sub>2</sub> emissions data are determined according to regulation 2007/715/EC, taking into consideration the vehicle curb weight, as stipulated by the regulation. The data do not refer one individual vehicle and are not part of the offer; they are exclusively for the purpose of comparison between different vehicle types. Additional equipment can lead to slightly higher fuel consumption and therefore CO<sub>2</sub> exhaust emissions than the declared values. In addition, maximum speed may be decreased while acceleration time can be increased. The published performance figures are possible with the vehicle's curb weight excluding driver plus a 200 kilogram load allowance.



INSIGNIA		
Vehicle dimensions in mm	GRAND SPORT	SPORTS TOURER
Length	4,897	4,986
Width including/excluding door mirrors	2,093/1,863	2,093/1,863
Height (at curb weight)	1,455	1,500
Wheelbase	2,829	2,829
Track, front	1,607	1,607
Track, rear	1,610	1,610
Turning circle in m		
Wall-to-wall	11.74	11.74
Curb-to-curb	11.14	11.14
Luggage compartment dimensions in mm		
Floor length to rear seat backs	1,133	1,178
Floor length with rear seat backs folded down	1,940	2,005
Width at wheel housing	1,030	1,030
Maximum width	1,444	1,451
Luggage compartment volume in l according to ISO 3832		
Luggage compartment	490 – 1,450	560 – 1,665

All data refer to the European base model with standard equipment.