

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min

Mixture formation

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

Correct as of: March 2008. Errors and omissions excepted.
The manufacturer reserves the right to make changes without notice.

¹ Definition of kerb weight acc. to 1992/21/EC:
The kerb weight relates to a standard-specification vehicle with a 68-kg driver, 7 kg of luggage and the fuel tank 90% full.

² The figures indicated vary according to the tyre dimensions.

SUV

R 280 CDI

6/V, 4 valves per cylinder
2987(83.0 x 92.0)
17.7
140(190)/4000
440/1400-2800
High-pressure injection, common-rail technology, turbocharger, EDC
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/2.92, ESP
Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser
Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser
Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS
Front: 330 x 32/Rear: 330 x 14
Rack-and-pinion speed-sensitive power steering
8 J x 18
255/55 R 18
2980 (3215)*
1643/1636
4938(5173)*/1922/1661(1663)*
11.7(12.4)*
2195(2245)*/645(615)*2840(2860)*
100
750/2100
85
601-2001(684-2436)*
80/13
-/11.6-11.8(11.6-11.8)*
-/7.5-7.7(7.5-7.7)*
-/9.0-9.2(9.0-9.2)*
-/238-242(238-242)*
Diesel
EU4
-/9.7(9.8)*
-/210
22/28/27

* Long wheelbase

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min
Mixture formation	

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

SUV

R 280 CDI 4MATIC

6/V, 4 valves per cylinder
2987(83.0 x 92.0)
17.7
140(190)/4000
440/1400-2800
High-pressure injection, common-rail technology, turbocharger, EDC
-
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/2.92, 4ETS, ESP
Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser
Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser
Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS
Front: 330 x 32/Rear: 330 x 14
Rack-and-pinion speed-sensitive power steering
8 J x 18
255/55 R 18
2980
1643/1636
4938/1922/1661
11.7
2250/590/2840
100
750/2100
85
601-2001
80/13
-/12.2-12.4
-/7.6-7.8
-/9.3-9.5
-/246-253
Diesel
EU4
-/9.8
-/210
22/28/27

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¹ Definition of kerb weight acc. to 1992/21/EC:
The kerb weight relates to a standard-specification vehicle with a 68-kg driver, 7 kg of luggage and the fuel tank 90% full.

² The figures indicated vary according to the tyre dimensions.

Vehicle Type		
Model		
No. of cylinders/arrangement		
Displacement (bore x stroke)		cc (mm)
Compression ratio		:1
Rated output		kW (hp) at 1/min
Rated torque		Nm at 1/min
Mixture formation		
Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =
Front axle		
Rear axle		
Braking system		
Discs (diameter x thickness)		mm
Steering		
Wheels		
Tyres		
Wheelbase		mm
Track front/rear		mm
Length/width/height		mm
Turning circle		m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)		kg
Roof load		kg
Towing capacity braked/unbraked		kg
Drawbar load		kg
Boot capacity (acc. to VDA measuring method)		l
Tank capacity/reserve		l
NEDC fuel consumption ²		
	urban with manual/automatic transmission	l/100 km
	extra-urban with manual/automatic transmission	l/100 km
	combined with manual/automatic transmission	l/100 km
	CO ₂ -emission with manual/automatic transmission	g/km
Fuel type		
Emission standard		
Acceleration 0-100 km/h (manual/automatic transmission) ²		s
Maximum speed (manual/automatic transmission) ²		km/h
Insurance group		third-party liability/full cover/part cover

SUV	
R 320 CDI 4MATIC	
	6/V, 4 valves per cylinder
	2987(83.0 x 92.0)
	17.7
	165(224)/3800
	510/1600–2800
	High-pressure injection, common-rail technology, turbocharger, EDC
	-
	-
	-
	4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
	-/-/-/2.92, 4ETS, ESP
	Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser
	Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser
	Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS
	Front: 330 x 32/Rear: 330 x 14
	Rack-and-pinion speed-sensitive power steering
	8 J x 18
	255/55 R 18
	2980 (3215)*
	1643/1636
	4938(5173)*/1922/1661(1663)*
	11.7(12.4)*
	2250(2295)*/590(600)*/2840(2895)*
	100
	750/2100
	85
	601–2001(684–2436)*
	80/13
	-/12.2–12.5(12.2–12.5)*
	-/7.6–7.8(7.6–7.8)*
	-/9.3–9.5(9.3–9.5)*
	-/246–253(246–253)*
	Diesel
	EU4
	-/8.7(8.8)*
	-/222
	19/26/27

* Long wheelbase

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The kerb weight relates to a standard-specification vehicle with a 68-kg driver, 7 kg of luggage and the fuel tank 90% full.

² The figures indicated vary according to the tyre dimensions.

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min
Mixture formation	

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

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² The figures indicated vary according to the tyre dimensions.

SUV

R 280

6/V, 4 valves per cylinder
2996(88.0 x 82.1)
11.3
170(231)/6000
300/2500-5000

Microprocessor-controlled injection system,
hot-film air-flow sensor

-
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/3.90, ESP

Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser

Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser

Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS

Front: 330 x 32/Rear: 330 x 14

Rack-and-pinion speed-sensitive power steering

8 J x 18
255/55 R 18
2980 (3215)*
1643/1636
4938(5173)*/1922/1661(1663)*
11.7(12.4)*
2130(2175)*/660(635)*/2790(2810)*
100
750/2100
85
601-2001(684-2436)*
80/13

-/14.9-15.1(14.9-15.1)*

-/8.6-8.8(8.6-8.8)*

-/10.9-11.1(10.9-11.1)*

-/260-265(260-265)*

Unleaded

EU4

-/9.6(9.7)*

-/222(222)*

19/26/27

* Long wheelbase

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min
Mixture formation	

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

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SUV

R 350

6/V, 4 valves per cylinder
3498(92.9 x 86.0)
10.7
200(272)/6000
350/2400-5000

Microprocessor-controlled injection system,
hot-film air-flow sensor

-
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/3.70, ESP

Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser

Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser

Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS

Front: 330 x 32/Rear: 330 x 14

Rack-and-pinion speed-sensitive power steering

8 J x 18
255/55 R 18
2980 (3215)*
1643/1636
4938(5173)*/1922/1661(1663)*
11.7(12.4)*
2130(2175)*/660(635)*/2790(2810)*
100
750/2100
85
601-2001(684-2436)*
80/13

-/15.4-15.6(15.4-15.6)*

-/8.6-8.8(8.6-8.8)*

-/11.1-11.3(11.1-11.3)*

-/265-270(265-270)*

Unleaded

EU4

-/8.1(8.2)*

-/234(234)*

19/26/27

* Long wheelbase

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min
Mixture formation	

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

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The kerb weight relates to a standard-specification vehicle with a 68-kg driver, 7 kg of luggage and the fuel tank 90% full.

² The figures indicated vary according to the tyre dimensions.

SUV

R 350 4MATIC

6/V, 4 valves per cylinder
3498(92.9 x 86.0)
10.7
200(272)/6000
350/2400-5000

Microprocessor-controlled injection system,
hot-film air-flow sensor

-
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/3.70, 4ETS, ESP

Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser

Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser

Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, solid rear discs, foot-operated parking brake, ABS

Front: 330 x 32/Rear: 330 x 14

Rack-and-pinion speed-sensitive power steering

8 J x 18
255/55 R 18
2980 (3215)*
1643/1636
4938(5173)*/1922/1661(1663)*
11.7(12.4)*
2180(2230)*/630(630)*/2810(2860)*
100
750/2100
85
601-2001(684-2436)*
80/13
-/15.5-15.7(15.6-15.8)*
-/9.0-9.2(9.1-9.3)*
-/11.4-11.6(11.5-11.7)*
-/271-276(274-279)*
Unleaded
EU4
-/8.3(8.4)*
-/230
19/26/27

* Long wheelbase

Vehicle Type

Model

No. of cylinders/arrangement	
Displacement (bore x stroke)	cc (mm)
Compression ratio	:1
Rated output	kW (hp) at 1/min
Rated torque	Nm at 1/min
Mixture formation	

Gear ratios	1st/2nd/3rd/4th/5th/6th/7th/R 5-speed manual	i =
	6-speed manual	i =
	5-speed automatic	i =
	7-speed automatic	i =
Final drive	5/6-speed manual /5/7-speed automatic	i =

Front axle

Rear axle

Braking system

Discs (diameter x thickness)	mm
Steering	
Wheels	
Tyres	
Wheelbase	mm
Track front/rear	mm
Length/width/height	mm
Turning circle	m
Kerb weight ¹ /payload/perm. gross vehicle weight (acc. to EC)	kg
Roof load	kg
Towing capacity braked/unbraked	kg
Drawbar load	kg
Boot capacity (acc. to VDA measuring method)	l
Tank capacity/reserve	l
NEDC fuel consumption ²	
urban with manual/automatic transmission	l/100 km
extra-urban with manual/automatic transmission	l/100 km
combined with manual/automatic transmission	l/100 km
CO ₂ -emission with manual/automatic transmission	g/km
Fuel type	
Emission standard	
Acceleration 0-100 km/h (manual/automatic transmission) ²	s
Maximum speed (manual/automatic transmission) ²	km/h
Insurance group	third-party liability/full cover/part cover

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² The figures indicated vary according to the tyre dimensions.

SUV

R 500 4MATIC

8/V, 4 valves per cylinder
5461(98.0 x 90.5)
10.7
285(388)/6000
530/2800-4800

Microprocessor-controlled injection system,
hot-film air-flow sensor

-
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/3.45, 4ETS, ESP

Double-wishbone suspension, anti-dive control, coil springs, gas-pressure shock absorbers, torsion-bar stabiliser

Four-link suspension, anti-squat and anti-lift control, air suspension system with integrate level control, gas-pressure shock absorbers, torsion-bar stabiliser

Hydraulic dual-circuit braking system with vacuum booster and Brake Assist, stepped master brake cylinder, internally ventilated front discs, internally ventilated rear discs, foot-operated parking brake, ABS

Front: 375 x 32/Rear: 330 x 22

Rack-and-pinion speed-sensitive power steering

8 J x 19
255/50 R 19
2980(3215)*
1643/1636
4938(5173)* /1922/1664(1666)*
11.7(12.4)*

2220(2265)* /620(630)* /2840(2895)*

100

750/2100

85

601-2001(684-2436)*

80/13

-/18.2-18.4(18.2-18.4)*

-/9.8-10.0(9.8-10.0)*

-/12.9-13.1(12.9-13.1)*

-/306-311(306-311)*

Unleaded

EU4

-/6.1(6.3)*

-/250(250)*

19/29/27

* Long wheelbase