

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

GL 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
-/-/-/3.45, 4ETS, ESP

Double-wishbone suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-dive control, gas-pressure shock absorbers, torsion-bar stabiliser

Four-link suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-squat and anti-lift 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: 350 x 32/Rear: 330 x 22
Rack-and-pinion speed-sensitive power steering
8 J x 18
265/60 R 18
3075
1651/1654
5088/1920/1840*
12.1
2450/700/3150(3250**)
90
750/3500
140
300-2300
100/13
-/12.5-12.9
-/8.0-8.2
-/9.8-10.0
-/261-264
Diesel
EU4
-/9.5
-/210
22/28/28

* On-road

** Seven-seater

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

GL 420 CDI 4MATIC

8/V, 4 valves per cylinder
3996(86.0 x 86.0)
17.0
225(306)/3600
700/2000-2600
High-pressure injection, common-rail technology, 2 turbochargers, EDC
-
-
4.38/2.86/1.92/1.37/1.00/0.82/0.73/3.42
-/-/-/3.09, 4ETS, ESP
Double-wishbone suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-dive control, gas-pressure shock absorbers, torsion-bar stabiliser
Four-link suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-squat and anti-lift 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
8.5 J x 19
275/55 R 19
3075
1645/1648
5088/1920/1840*
12.1
2550/700/3250
90
750/3500
140
300-2300
100/13
-/15.6-16.0
-/9.2-9.4
-/11.6-11.8
-/307-313
Diesel
EU4
-/7.6
-/230
23/29/28

* On-road

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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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SUV

GL 450 4MATIC

8/V, 4 valves per cylinder
4663(92.9 x 86.0)
10.7
250(340)/6000
460/2700-5000
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, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-dive control, gas-pressure shock absorbers, torsion-bar stabiliser
Four-link suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-squat and anti-lift 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
8.5 J x 19
275/55 R 19
3075
1645/1648
5088/1920/1840*
12.1
2430/720/3150(3250**)
90
750/3500
140
300-2300
100/13
-/18.2-18.4
-/10.4-10.6
-/13.3-13.5
-/317-322
Unleaded
EU4
-/7.2
-/235
23/29/28

* On-road

** Seven-seater

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

GL 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
-/-/-/3.70, 4ETS, ESP
Double-wishbone suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-dive control, gas-pressure shock absorbers, torsion-bar stabiliser
Four-link suspension, AIRMATIC fully supporting air suspension with level control, adaptive damping system (ADS), anti-squat and anti-lift 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
8.5 J x 19
275/55 R 19
3075
1645/1648
5088/1920/1840*
12.1
2445/705/3150(3250**)
90
750/3500
140
300-2300
100/13
-/19.1-19.3
-/10.9-11.1
-/13.9-14.1
-/331-336
Unleaded
EU4
-/6.5
-/240
23/29/28

* On-road
** Seven-seater

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