

# 2002 Mercedes-Benz C32 AMG

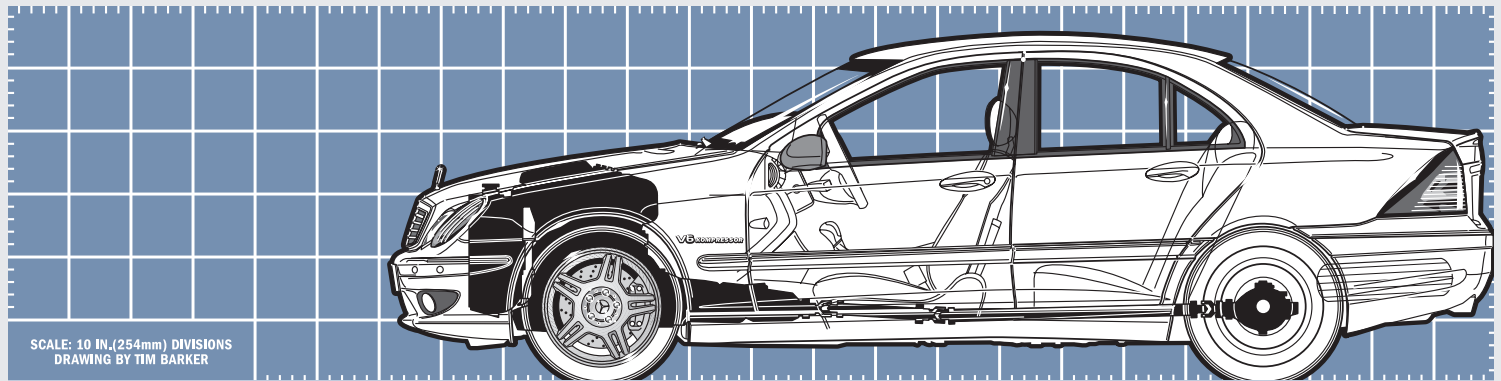
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## At a Glance

0-60 mph	5.1 sec
0-1/4 mile	13.6 sec
Top speed	155 mph*
Skidpad	0.86g
Slalom	64.0 mph
Brake rating	excellent

**List Price: est \$53,000**  
**Price as Tested: est \$58,462**

Price as tested incl std equip. (ABS, front & side airbags, brake assist, yaw control, cruise control, auto. climate control, AM/FM/CD, keyless entry, anti-theft system, heated power seats, leather upholstery, multifunction steering wheel; pwr sunroof, windows, mirrors & door locks), navigation system (\$2080), xenon headlamps (\$870), metallic paint (\$640), rear sunshade (\$440), luxury tax (\$787), dest charge (\$645).



## SPECIFICATIONS

### Engine

Type.....aluminum block & heads, supercharged V-6  
Valvetrain.....sohc 3-valve/cyl  
Displacement.....195 cu in./3199 cc  
Bore x stroke.....3.54 x 3.31 in./89.9 x 84.0 mm  
Compression ratio.....9.0:1  
Horsepower (SAE).....349 bhp @ 6100 rpm  
Bhp/liter.....109.1  
Torque.....332 lb-ft @ 4400 rpm  
Redline.....6220 rpm  
Fuel injection.....electronic sequential port  
Fuel.....premium unleaded, 91 pump octane

### Warranty

Basic warranty.....4 years/50,000 miles  
Powertrain.....4 years/50,000 miles  
Rust-through.....4 years/50,000 miles

### Chassis & Body

Layout.....front engine/rear drive  
Body/frame.....unit steel  
Brakes: Front.....13.6-in. vented discs  
Rear.....11.8-in. vented discs  
Assist type.....vacuum assist, ABS  
Total swept area.....548 sq in.  
Swept area/ton.....290 sq in.  
Wheels.....cast aluminum;  
17 x 7½ f, 17 x 8½ r  
Tires.....Pirelli P Zero Rosso;  
225/45ZR-17 f,  
245/40ZR-17 r  
Steering.....rack & pinion,  
vari power assist  
Overall ratio.....15.5:1  
Turns, lock to lock.....3.0  
Turning circle.....35.3 ft  
Suspension  
Front: MacPherson struts, lower A-arms, coil springs, tube shocks, anti-roll bar  
Rear: multilink, coil springs, tube shocks, anti-roll bar

### General Data

Curb weight.....3605 lb  
Test weight.....3780 lb  
Weight dist (with driver), f/r, %.....56/44  
Wheelbase.....106.9 in.  
Track, f/r.....58.8 in./58.2 in.  
Length.....178.3 in.  
Width.....68.0 in.  
Height.....55.7 in.  
Ground clearance.....4.6 in.  
Trunk space.....16.1 cu ft

### Accommodations

Seating capacity.....5  
Head room: Front.....37.5 in.  
Rear.....34.5 in.  
Seat width: Front.....2 x 18.3 in.  
Rear.....53.8 in.  
Front seat leg room.....47.5 in.  
Seatback adjustment.....65 deg  
Seat travel.....11.0 in.  
Rear seat knee room.....18.8 in.

### Drivetrain

Transmission: 5-speed automatic  
Gear Ratio Overall ratio (Rpm) Mph  
1st 3.59:1 10.99:1 (6000) 38  
2nd 2.19:1 6.70:1 (6200) 64  
3rd 1.41:1 4.31:1 (6200) 100  
4th 1.00:1 3.06:1 (6200) 141  
5th 0.83:1 2.54:1 (5650) 155\*  
Final drive ratio.....3.06:1  
Engine rpm @ 60 mph in top gear.....2100

\*Electronically limited.

### Instrumentation

7000-rpm tachometer, 300-km/h speedometer, digital display

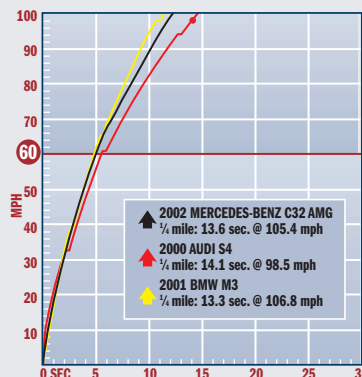
### Safety

dual front airbags  
front seat side airbags  
front seatbelt pretensioners  
brake assist  
yaw control  
anti-lock braking  
(all standard equip.)

## PERFORMANCE

### Acceleration

Time to speed	Seconds
0-30 mph	1.9
0-40 mph	2.7
0-50 mph	3.9
0-60 mph	5.1
0-70 mph	6.5
0-80 mph	8.3
0-90 mph	10.2
0-100 mph	12.2
Time to distance	
0-100 ft	2.9
0-500 ft	7.4
0-900 ft	10.7
0-1320 ft (1/4 mile)	13.6 @ 105.4 mph



### Test Notes:

Best acceleration times in the C32 AMG came with holding the engine at 1500 rpm, then stepping hard on the throttle. Even with just 500 more rpm, the AMG will have too much wheel-spin off the line for a quick time. • Around the skidpad, the

car exhibited moderate understeer with the steering feeling a little light. • However, the C32 shone in our slalom with excellent grip and mild understeer. It's also easy to control the car's attitude with throttle modulation.

### Braking

Minimum stopping distance  
From 60 mph.....118 ft  
From 80 mph.....211 ft  
Control.....excellent  
Brake feel.....very good  
Overall brake rating.....excellent

Subjective ratings consist of excellent, very good, good, average, poor; na means information is not available

### Fuel Economy

Our driving.....est 18.0 mpg  
EPA city/highway.....17/22 mpg  
Cruise range.....315 miles  
Fuel capacity.....18.5 gal.

### Handling

Lateral acceleration  
(200-ft skidpad).....0.86g  
Balance.....moderate understeer  
Speed through  
700-ft slalom.....64.0 mph  
Balance.....mild understeer  
Lateral seat support.....very good

### Interior Noise

Idle in neutral.....48 dBA  
Maximum in 1st gear.....74 dBA  
Constant 50 mph.....63 dBA  
70 mph.....69 dBA

### Test Conditions:

Temperature	Humidity	Elevation	Wind
62° F	29%	1475 ft	heavy