

PRELIMINARY TECHNICAL SPECIFICATIONS

New Chrysler 300C Sedan, Touring and SRT8 outside North America

The information shown is based on data available at the time of publication (August 10, 2007) and is subject to change without notice. Specifications are valid for Europe and may vary in other international markets.

General Information

Body Style	Four-door sedan and estate
Assembly Plant	Magna Steyr, Graz, Austria

Engines

2.7-litre Petrol Engine

Availability	Standard on Chrysler 300C Sedan and Touring
Type and Description	V-6, DOHC, 24-valve, liquid-cooled with balance shaft
Displacement	2.7 litres (2736cc / 167 cu. in.)
Bore x Stroke	86 x 78.5mm (3.38 x 3.09 in.)
Compression Ratio	9.9:1
Maximum Power	142 kW (193 hp DIN) @ 6400 rpm
Maximum Torque	257 Nm (190 lb.-ft.) @ 4000 rpm
Emission Class	Euro IV

3.5-litre Petrol Engine

Availability	Optional on Chrysler 300C Sedan and Touring
Type and Description	V-6, DOHC, 24-valve, liquid-cooled with balance shaft
Displacement	3.5 litres (3518cc / 214.7 cu. in.)
Bore x Stroke	96 x 81mm (3.78 x 3.19 in.)
Compression Ratio	10:1
Maximum Power	183 kW (249 hp DIN) @ 6400 rpm
Maximum Torque	340 Nm (251 lb.-ft.) @ 3800 rpm
Emission Class	Euro IV

5.7-litre Petrol Engine

Availability	Optional on Chrysler 300C Sedan and Touring
Type and Description	V-8, 90-degree, liquid-cooled
Displacement	5.7 litres (5654cc / 345 cu. in.)
Bore x Stroke	99.5 x 90.9mm (3.92 x 3.58 in.)
Compression Ratio	9.6:1
Maximum Power	250 kW (340 hp DIN) @ 5000 rpm

Maximum Torque	525 Nm (387 lb.-ft.) @ 4000 rpm
Emission Class	Euro IV

3.0-litre Turbo Diesel Engine

Availability	Optional on Chrysler 300C Sedan and Touring
Type and Description	V-6, 72-degree, DOHC, 24-valve, liquid-cooled, turbocharged
Displacement	3.0 litres (2987cc / 182 cu. in.)
Bore x Stroke	83 x 92mm (3.27 x 3.62 in.)
Compression Ratio	18:1
Maximum Power	160 kW (218 hp DIN) @ 4000 rpm
Maximum Torque	510 Nm (376 lb.-ft.) @ 1600-2800 rpm
Emission Class	Euro IV

6.1-litre Petrol Engine

Availability	Standard on Chrysler 300C SRT8
Type and Description	V-8, 90-degree, liquid-cooled
Displacement	6.1 litres (6063cc / 370 cu. in.)
Bore x Stroke	103 x 90.9mm (4.06 x 3.58 in.)
Compression Ratio	10.3:1
Maximum Power	317 kW (431 hp DIN) @ 6000 rpm
Maximum Torque	569 Nm (420 lb.-ft.) @ 4600 rpm
Emission Class	Euro IV

Transmissions

Four-speed Automatic

Availability	Standard with 2.7-litre V-6
Description	42RLE: Four-speed, overdrive, adaptive electronic control, electronically modulated converter clutch

Five-speed Automatic

Availability	Standard with 3.5-litre V-6, 5.7-litre V-8 and 6.1-litre V-8 engines
Description	W5A580: Five-speed, overdrive, adaptive electronic control, electronically modulated converter clutch

Five-speed Automatic

Availability	Standard with 3.0-litre V-6 turbo diesel
Description	W5J400: Five-speed, overdrive, adaptive electronic control, electronically modulated converter clutch

Chassis and Running Gear

Front Suspension	Subframe mounted, independent by unequal-length double wishbones, with anti-dive geometry, co-axial coil springs and gas-filled shock absorbers; for SRT8 models: independent SLA with tall spindle, DLBJ, upper and lower A arms, coil springs and shocks
Rear Suspension	Subframe mounted, independent five-link, with anti-squat geometry, separate coil springs and gas-filled shock absorbers; for SRT8 models: independent five-link with aluminium knuckle, coil springs, shocks and anti-roll bar
Steering Type	Power rack-and-pinion
Wheels and Tyres (standard fit)	18 x 7.5 in. with 225/60R18 summer performance; for SRT8 models: 20 x 9 in. with 245/45ZR20 three-season performance (front) and 255/45ZR20 three-season performance (rear)
Brakes	Four-wheel disc brakes with ABS, ESP and traction control

Dimensions and Accommodations

Dimensions are in millimetres (inches) unless otherwise noted.

Overall Length	5015 (196.8)
Overall Width	1880 (74.1) without mirrors
Overall Height	1475 (58.4) without roof rack
Wheelbase	3050 (120)
Track, Front	1600 (63)
Track, Rear	1605 (63.1)
Seating Capacity	Two front, three rear
Cargo Compartment Volume	504L (ISO) for Sedan, 630L (ISO) for Touring – all seats in place