Chevy 305 V8 Engine Specs

Chevy 305 V8 Engine: Worldwide, the term "305" refers to an engine capacity of 305 cubic inches. This engine was used in various models of Chevrolet vehicles, including cars, trucks, and SUVs. The 305 V8 engine was known for its reliability and was produced in several configurations over its lifetime. The specifications for the Chevy 305 V8 engine vary depending on the model and year, but we can provide some general information about it as of 1990.

**Displacement:**
305 cubic inches (5.0 liters)

**Bore & Stroke:**
- Bore: 3.74 inches (95.0 mm)
- Stroke: 3.48 inches (88.4 mm)

**Valve System:**
- OHV (Overhead Valve) configuration
- 2 valves per cylinder

**Camshaft:**
- Dual overhead camshaft (DOHC)
- 1 camshaft for each bank

**Compression Ratio:**
- Standard: 8.0:1
- High performance: 8.7:1

**Power Output:**
- Standard: 205 horsepower (HP)
- High performance: 215 HP

**Torque:**
- Standard: 225 lb⋅ft (305 N⋅m) at 4000 RPM
- High performance: 230 lb⋅ft (315 N⋅m) at 4000 RPM

**Fuel System:**
- Single 4-barrel carburetor

**Engine Size:**
- Small-block Chevrolet V8

**Applications:**
- Used in multiple Chevrolet models from the 1970s to the 1990s, including the Chevrolet Camaro and Corvette.

**Milestones:**
- First introduced in the 1970s
- Discontinued in the late 1990s

**Additional Information:**
- The 305 V8 engine was known for its durability and was popular in performance applications.
- Modifications to the engine included changes to the camshaft, valve springs, headers, and exhaust systems to enhance performance.

Chevrolet vehicles with the 305 V8 engine included the Chevrolet Camaro, Corvette, and various other models. The engine was also used in the Chevrolet Silverado and other full-size trucks.

**Further Reading:**
- [Chevrolet Camaro Engine Specifications](https://www.caranddriver.com/chevrolet/camaro/specs)
- [Chevrolet Corvette Engine Specifications](https://www.caranddriver.com/chevrolet/corvette/specs)
- [Chevrolet Silverado Engines](https://www.nhtsa.gov/vehicle-safety/roadside-assistance/tech-advice/chevrolet-silverado)