

BMW 3.0 CSL

In this form the 3.0 CSL was the first example of the Evolution type of racing car. The clever exploitation of 'evolutionary improvements' changed a fast car into an unbeatable one.



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Specifications 1973 BMW 3.0 CSL

ENGINE

Type: 1990 cc
Construction: Cast-iron block and alloy cylinder head
Valves/gear: Two valves per cylinder, controlled by single overhead camshaft

Bore and stroke: 3.1 in. x 3.18 in.
Displacement: 1990 cc
Compression ratio: 9.5:1
Injection system: Bosch electronic fuel injection

Maximum power: 200 bhp at 5,500 rpm
Maximum torque: 179 lb ft at 3,200 rpm

TRANSMISSION

Five-speed manual

BODY/CHASSIS

Steel monocoque with alloy and steel bar rear cross member

SPECIAL FEATURES



The small front-mounted wing is there to direct the airflow over the roof. Detaching itself before it has reached the large front-mounted wing, which provides the extra downforce.



All the aerodynamic aids could be brought to options and added to a standard CSL.

RUNNING GEAR

Steering: 27.5:1 rack and pinion

Front suspension: MacPherson strut with lower ball and large diameter anti-dive bar

Rear suspension: Semi-trailing arm with offset springs, adjustable shock and anti-dive bar

Brakes: Ventrad disc, 10.7 in. dia.

Wheels: Alloy, 7 in. x 18 in.

Tires: 195 SRV4

DIMENSIONS

Length: 153.7 in.

Height: 52.4 in.

Track: 56.9 in. (front), 55.7 in. (rear)

Weight: 2,900 lb.

Width: 59 in.

Wheelbase: 102.2 in.

Ground clearance: 5.1 in. (front), 5.1 in. (rear)

Weight: 2,900 lb.