



5TH CATEGORY - HISTORIC RACING

GROUP Nc

APPROVED VEHICLE SPECIFICATION

This form details the approved specifications of individual vehicle models in the 5th Category Historic car group. To be issued with a Historic Log Book, cars need to comply with these specifications, the physical appearance shown in the illustrations and the general historic rules as detailed in the current CAMS Manual of Motor Sport.

Make of Car:	BMW	Model:	2002 & 2002 Ti
Period of Original Manufacture:	1968 – 1973		
CAMS Historic Group:	Nc		
Date of issue of this document:	October 2013		
Comments:	Round/Circular tail light models only.		



Refer to CAMS Manual of Motor Sport, Vehicle Eligibility, Historic Touring Cars, General Requirements & Nc Regulations for permitted modifications.

SECTION 1 - CHASSIS

1.1 CHASSIS FRAME

Description: Uni body two door coupe
Period of Manufacture: 1968 to 1973
Manufacturer: BMW
Chassis no. from: 1600001
Chassis no. location: RHS inner guard
Material: Steel

1.2 FRONT SUSPENSION

Description: Independent, McPherson strut
Spring Medium: Coil
Damper Type: Telescopic **Adjustable:** Yes
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No

1.3 REAR SUSPENSION

Description: Independent semi-trailing arms
Spring medium: Coil
Damper type: Telescopic **Adjustable:** Yes
Anti-sway bar: Fitted **Adjustable:** No
Suspension adjustable: No

1.4 STEERING

Type: Worm & roller **Make:** BMW ZF

1.5 BRAKES

	Front	Rear
Type:	Disc	Drum
Dimensions:		
Material:	Cast iron	Cast iron
No. cylinders/pots per wheel:	Two	One
Actuation:	Hydraulic	Hydraulic
Caliper Make:	BMW ATE	
Caliper Type:		
Caliper Material:		
Master cylinder make:	BMW ATE	Type: Tandem
Adjustable bias:	No	
Servo Fitted:	Yes	

SECTION 2 - ENGINE

2.1 ENGINE

Make:	BMW	Configuration:	In line
Model:	2002	Two/Four Stroke:	Four
No. cylinders:	Four	Max. allowed:	90.5 mm
Cylinder block material:	Cast iron	Max. allowed:	80 mm
Bore - Original:	89 mm	Max. allowed:	2058 mm
Stroke - original:	80 mm		
Capacity - original:	1991 cc		
Cooling method:	Fluid		
Identifying marks:			

2.2 CYLINDER HEAD

Make:	BMW	Inlet:	One	Exhaust:	One
No. of valves/cylinder:		Inlet:	Four	Exhaust:	Four
No. of ports total:		Location:	SOHC	Drive:	Chain
No. of camshafts:	One				
Valve actuation:	Rocker				
Spark plugs/cylinder:	One				
Identifying marks:					

2.3 LUBRICATION

Method:	Wet sump
Oil cooler standard:	No
Comments:	

2.4 IGNITION SYSTEM

Type:	Point, distributor & coil
Make:	Bosch

2.5 FUEL SYSTEM

Carburettor Make:	Solex	Model:	40PDSI
Carburettor number:	One, (Ti has two)	Size:	
Comments:			

SECTION 3 - TRANSMISSION

3.1 CLUTCH

Make: BMW
Type: Diaphragm
Diameter: 228 mm
Actuation: Hydraulic
No. of Plates: One

3.2 TRANSMISSION

Type: Synchro - mesh
Make: BMW
No. forward speeds: Four or five
Gearbox location: Behind engine
Gear change type and location: Remote, Floor
Case material: Aluminium
Comments:

3.3 FINAL DRIVE

Make: BMW
Model: 232 - 235
Type: Sprung unit
Wheel drive method: Rear
Ratios: Various
Differential type: Free / open

3.4 TRANSMISSION SHAFTS (EXPOSED)

Number: Three
Description: Open tail shaft & half shafts

3.5 WHEELS & TYRES

Wheel type - Original:	Disc	Material - Original:	Steel
Allowed:	Cast	Allowed:	Alloy
Fixture method:	Nuts	No. studs:	Four
Wheel dia. & rim width:	FRONT	REAR	
Original:	5.5 x 13 or 14	5.5 x 13 or 14	
Allowed:	7 x 13 or 14	7 x 13 or 14	
Tyres original:			
Tyres allowed:	60% minimum aspect ratio, refer approved tyre list.		

SECTION 4 - GENERAL

4.1 FUEL SYSTEM

Tank Location: In boot **Capacity:** 46 Litres
Fuel pump type and location: Mechanical, engine **Make:** BMW

4.2 ELECTRICAL SYSTEM

Voltage: 12 **Alternator:** Fitted
Battery Location: Engine bay
Comments:

4.3 BODYWORK

Type: Coupe **Material:** Steel
No. of seats: Four **No. doors:** Two
Comments:

4.4 DIMENSIONS

Track - Front: 1330 mm **Rear:** 1330 mm
Wheelbase: 2500 mm **Overall length:** 4229 mm
Dry weight: 940 kg

4.5 SAFETY EQUIPMENT

Refer applicable Group Regulations