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TOURING CAR ENDURANCE SERIES | Class Overview and Eligible Cars

Version: 18 May 2016 (Subject to changes, there might be differences between races. Regulations for each race are valid.)

Petrol & Diesel Touring cars, up to 3500cc

Class D1	Diesel Touring Cars: up to 2000cc
Class A2	Petrol Touring Cars: up to 2000cc & Supercharged up to 1650cc
Class A3	Touring Cars: 2000 up to 3500cc & Supercharged 1650 up to 2000cc (except TCR cars) and Diesel 2000 up to 3000cc
Class CUP1	Petrol Touring Cars: BMW M235i Racing Cup: 3000cc Twin Turbo
Class TCR	TCR cars (Touring Cars: Supercharged 2000cc)

Special Classes (including GT-cars, Grand Touring Cars)

Class SP3	Special cars <ul style="list-style-type: none">• Special Touring cars• GT-cars (e.g. GT4-cars)• Silhouette cars (cars which are not accepted in other classes. E.g. GT4 cars. Guide-line is approx. 3,5kg/hp or more.)
Class Young Timers	Young timers, based on minimum reference lap time. (guideline 1960 .. 1995)
VW Fun Cup	VW Fun Cup

Note: For detailed information per class, see following pages.

Petrol & Diesel Touring cars, up to 3500cc

Class	Cylinder capacity	Minimum Weight	Max Refuelling amount	Remarks		
D1	Diesel cars up to 2000cc	1100 kg	100L			
		1200 kg	120L			
A2	Petrol (up to - 2.000cc)	up to 1.300cc	710 kg	80 L	Min ref lap time* 2min25 (Silverstone) Min ref lap time* 2min23 (Slovakia Ring) Min ref lap time* TBA (Meppen)	
		1.300 - 1.400cc	760 kg	80 L		
		1.400 - 1.600cc	820 kg	90 L		
		1.600 - 1.800cc	900 kg	100 L		
		1.800 - 2.000cc	980 kg	100 L		
	Petrol Supercharged engines (up to 1.650cc)	Supercharged engines up to 1.650cc	1000kg	80 L		
	Peugeot RCZ 1.600cc / Turbo	1080 kg	80 L			
A3	Petrol (2.000 - 3.500cc)	2.000 - 2.500cc	1000 kg	120 L	Min ref lap time* 2min21 (Silverstone) Min ref lap time* 2min18 (Slovakia) Min ref lap time* TBA (Meppen)	
		2.500 - 3.000cc	1100 kg	120 L		
		3.000 - 3.500cc	1200 kg	120 L		
	Petrol Supercharged engines (1.650 - 2.000cc)	Peugeot 208 GTI 1.600cc / Turbo	1050 kg	85 L		Accepted on individual basis
		1.650 – 1.800cc	1000 kg	120 L		e.g. Seat Leon MK1
		1.800 – 2.000cc	1000 kg	90 L		e.g. Seat Leon MK2, Opel Astra (NO TCR cars)
			1100 kg	100 L		
	Diesel 2.000 – 3000cc	2.000 – 2.500cc	1100 kg	85 L		
		2.500 – 3.000cc	1200 kg	85 L		
	CUP 1	BMW M235i Cup	3.000cc Twin Turbo	Remarks		Remarks
TCR	Supercharged engines 2.000cc	TCR Regs	100 L	(Models 2015 and younger) See TCR Regulations		

According to art. 18.1.1 of the regulations; the organiser will decide upon eventual waivers

* D1 diesel cars which will be faster than the min ref lap time will be assigned to most suitable class, e.g. A2

* A2 cars which will be faster than the min ref lap time will be assigned to most suitable class, e.g. A3

* A3 cars which will be faster than the min ref lap time will be assigned to most suitable class, e.g. SP3

Class SP3 Special cars (Petrol or Diesel)

Group Special cars, is a class meant for a wide variety of cars (e.g. GT4 cars)

Based on minimum reference lap time (guide-line is approx. 3,5kg/hp or more)

This SP3 class is meant for the following range of cars:

- Special Touring cars
- GT-cars (e.g. GT4-cars)
- Silhouette cars
- Cars which fits from performance point of view, to the prescribed minimum reference time in the table below.
- E.g. Cars which do not fit or are not accepted in any other class
- E.g. Cars which have a close to production engine or limited tuned
- E.g. Not homologated cars

Note: A car which is considered as: to be too fast for this class, will not be accepted or alternatively will be balanced accordingly.

Balance of Performance

The performance level, is approximately comparable with GT4 cars and will be regulated by minimum lap time as well as "SP3-BOP-Time-penalties".

As the SP3 cars are basically slightly faster than the TCR cars and the TCR class is still considered as the highest class in TCES, the SP3 cars will be balanced with "SP3-BOP-Time-penalties".

The positive effect of this kind of balance of performance, SP3 teams do NOT need to change their car and will also NOT be (disproportional) slowed down by the prescribed "Minimum reference Lap time" This because the "Minimum reference Lap time" will be set in line with the SP3 class (as known from 24H SERIES. See "Min reference Lap times" in below table.

SP3-BOP-Time-penalties for class SP3

Below is given an example, as these "SP3-BOP-Time-penalties" can vary from circuit to circuit, please refer to the Supplementary Regulations of the specific race.

- Each SP3 has to serve 10 "SP3-BOP-Time-penalties"
- Each "SP3-Time-penalties" will be 50 seconds.

(e.g. Aston Martin V8 Vantage N24/GT4, BMW Z4M Coupe, BMW M3 GT4, Nissan 350Z, Nissan 370Z, Maserati GT MC GT4, Chevrolet Camaro, Lotus Evora, Lotus Exige GT4, Porsche Cayman GT4, Donkervoort D8 GT, Corvette C6 GT4, Ginetta G50 Cup/GT4, Lotus 2/Eleven, Peugeot 207 Spider, Saker sports car, Solution F Silhouette, Gomez Competition GC10.2 Silhouette)

Class	Cylinder capacity	Minimum reference lap time	Max Refuelling amount				
			Minimum Weight 750 kg	Minimum Weight 1000 kg	Minimum Weight 1100 kg	Minimum Weight 1200 kg	Minimum Weight 1300 kg
SP3*	N/A	24H Silverstone: 2min18 24H Slovakiaring: 2min13 12H Meppen: TBA	70 L	80 L	90 L	100 L	110 L
		24H Silverstone: 2min19 24H Slovakiaring: 2min14 12H Meppen: TBA	80 L	90 L	100 L	110 L	120 L
		24H Silverstone: 2min20 24H Slovakiaring: 2min15 12H Meppen: TBA	90 L	100 L	110 L	120 L	120 L

*According to the regulations, the organiser alone decides on eligibility of individual vehicles.

*According to the regulations, the organiser reserves the right to adjust the BOP at any time of the event.



POWERED BY 

FOR ALL CLASSES

FUEL TANK CAPACITY VERSUS REFUELLING AMOUNT

Note: The maximum fuel tank capacity for all cars is 120 Litre. (unless explicit specified otherwise or homologated).

The **Max Refuel amount** mentioned in the tables above for all classes (unless explicit specified otherwise) is the maximum refuelling amount (Litres) per refuelling session.

At all 24H SERIES races, this will be automatically measured, at the fuel station.

In between 2 refuelling sessions the car must have entered the race track. So minimum one out lap combined with an in lap (the start finish line does not necessarily have being passed).

At the start of the race it is allowed to start with a completely filled fuel tank.

Example:

If in the table above in a specific class the max Refuel amount is listed at 90 L

It is still allowed to have a fuel tank with a capacity of 120 L.

At the start of the race, it is allowed to start with 120 L fuel.

At each following pit stop it is allowed to refuel maximum 90 L.

So in case you make a pit stop after your tank is only halve empty, it is allowed to refuel again maximum 90 L. This means you can have a completely filled tank again.