

CLASS REGULATIONS

SUPERKART

SK4.1. Class. Division 1 Superkart

SK4.2. Introduction. CIK-FIA regulations for Division 1 Superkart apply unless otherwise stated below.

Regulations as per Motorsport UK Yearbook & Karting Yearbook 2021 where applicable.

SK4.3. Chassis.

Wheelbase: Minimum: 106cm -- Maximum: 127cm

Track : at least 2/3 of the wheelbase used

Overall length : 210 cm maximum

Overall Width : 140cm maximum

Height: 65cm maximum from the ground, seat excluded.

SK4.4. Engine. All engines currently or previously homologated by the CIK for Division 1 Superkarts. Maximum cylinder cubic capacity 250cc, obtained either by one engine (maximum 2 cylinders) cooled by natural air flow or water-cooled, or by 2 single-cylinder engines homologated in ICC.

SK4.4.1. Eligible engines. Any currently or previously CIK-homologated engines or alternative parts for Division 1 types of engines allowed:

- 1) Engines from 250cc motorbike Grand Prix competitions designed prior to 2001, approved by the CIK and complying with the basic model sold by the manufacturers, including carburettors, power valves and ignition (according to manufacturer's official catalogue).

The advance and cartography may under no circumstances be modifiable from the driving seat under normal racing conditions.

- 2) Specific engines approved by the CIK for Superkart Division 1.

Mechanical carburettors and power valves, both without electronics.

Ignition: the electronic unit box and the coil must receive only: one feeding (energy source of the rotor/stator or of a battery) and one crankshaft pickup signal in order to set the ignition signal.

For engines with two de-phased cylinders, it is allowed to mount two independent ignitions with two sensors.

The advance and cartography may under no circumstances be modifiable from the driving seat under normal racing conditions.

- 3) In addition to the above prescriptions, the following criteria must be respected for the single-cylinder engine:

- Piston or reed valve induction
- Connecting rod must be magnetic material only
- Crankshaft must be on the manufacturer's parts list
- The number of carburettors is 1 only
- The material magnesium is not permitted
- The gearbox has a maximum of five gears.

Modifications to the approved single cylinder engine are allowed providing the following are not changed:

- a) stroke
- b) bore (outside maximum limits)
- c) connecting rod centre line
- d) crankshaft
- e) external appearance of the engine other than the carburettor, ignition system, reed block carburettor rubber mounting, clutch cover, engine mounting points.

4) Two single cylinder engines of the same make homologated in ICC or KZ.

Homologated gearbox (check of the ratios using a graduated disc, according to the method described under Article 12 of the Technical Regulations).

Ignition: the electronic unit box and the coil must receive only: one feeding (energy source of the rotor/stator or of a battery) and one crankshaft pick-up signal in order to set the ignition signal.

The advance and cartography may under no circumstances be modifiable from the driving seat under normal racing conditions.

Combustion chamber volume: free.

Carburettor: free but mechanical without electronics.

Exhaust and make of exhaust free. Total exhaust opening angle - free.

5) Any Division 2 engine, according to the Specific Regulations of Division 2.

SK4.4.2. Ignition. The advance and cartography may under no circumstances be modifiable whilst the kart is in motion.

SK4.5. Transmission. Gear ratios are open.

SK4.6. Brakes. As specified in CIK regulations.

SK4.7. Wheels and tyres. 6" CIK-homologated tyres only from the periods 2014–2022.

SK4.8. General.

SK4.8.1. Weight. Minimum Weights:

One single cylinder engine: 208kg including the bodywork; minimum weight of the kart alone - 98kg without the bodywork and without fuel.

Other engines: 218kg including the bodywork; minimum weight of the kart alone - 113kg without the bodywork and without fuel.

SK4.8.2. Number plates. Yellow background, with black numbers. U17.26-27 applies, unless varied in Championship Regulations.

SK4.8.3. Age. The class is open to any driver aged 17 or over.