MSA NATIONAL SARMC ROTAX KARTING TECHNICAL REGULATIONS

VERSION 1

1 JANUARY 2026

WWW.MOTORSPORT.CO.ZA

REVIEW AND AMENDMENTS

Amendments and updates to the rules will be recorded in the Amendment Record, detailing the amendments, date applicable and a short summary of amendments.

AMENDMENT RECORD

Modified SSR / ART	*Date applicable*	*Date of Publication*	*Clarifications*

SARMC SUPPLEMENTARY TECHNICAL REGULATIONS 2026

These regulations are to be read in conjunction with the Global RMC Technical Regulations 2026

The 2026 Global RMC Technical regulations (www.rotax-kart.com) apply with the following exceptions or additional regulations only as well as clarifications being specified herein.

1. **Chassis**
   Any CIK or Rotax DD2 approved chassis. All previously homologated chassis used in South Africa prior to 2026 are still eligible to race subject to the bodywork and bumpers conforming to current specifications.

2. **Engines**
   The Global RMC Technical Specification for the ROTAX 125 MAX and DD2 engines for 2026 are available at www.kart.co.za and www.rotax-racing.com. Only engines sealed by the Authorized Southern African ROTAX Distributor (Ed Murray Racing cc) and their Authorised ROTAX Service Centers are permitted in SARMC events. These engines must have an undamaged seal during scrutineering, and can be re-checked by scrutineers if necessary, following the proper procedures.

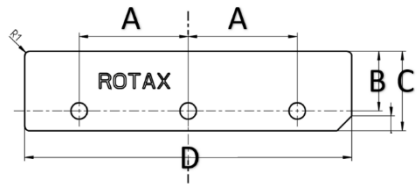
3. **Only engines** imported by EMR will be permitted. Engine numbers registered to South Africa can be checked here – https://kart.co.za/tech-check/

4. **Cylinders**
   Only cylinders stamped by EMR and registered to South Africa are allowed. Cylinders registered to South Africa can be checked here - https://kart.co.za/tech-check/
   4.1. **Micro Max** only QR Cylinders as per International Regulations.
   4.2. **Mini Max** only QR Cylinders as per International Regulations. Previously registered 3D printed cylinders may compete at 120 (one hundred and twenty) kg. ***The cylinder will be clearly marked for easy identification at the scale***.
   4.3. **Junior Max** only QR Cylinders as per International Regulations. Previously registered 3D printed cylinders may compete at 150 (one hundred and fifty) kg. ***The cylinder will be clearly marked for easy identification at the scale***.
   4.4. **Senior Max** as per International Regulations (QR coded and 3D printed cylinders allowed).
   4.5. **DD2 and Masters** as per International Regulations (QR coded and 3D printed cylinders allowed).

5. **For 125 Micro MAX and 125 Mini MAX only.**

EMR Reed Ballasts already installed without any marking but complying with the dimensions are also acceptable.

The plate must be flat with no curvature, when held against a straight edge no crack of light should be visible between the two surfaces, and meet the below specification.



	Measurement	Tolerance
A	22,00 mm	+0,2 mm -0,2 mm
B	10,00 mm	+0,3 mm -0,3 mm
C	16,00 mm	+0,3 mm -0,3 mm
D	66,00 mm	+0,7 mm -0,7 mm
Distance plate thickness	0,70 mm	+0,08 mm -0.08 mm
Location holes	3,3 mm	+0.2 mm -0,2 mm

6. **Crank case and pick up**
For 125 Micro MAX, 125 Mini MAX

National and Regional RMCs the only crankcases legal to be used for racing in the 125 Micro MAX and 125 Mini MAX categories will be the original machined pick-up flange type with casting codes 6211885 (ignition sensor side) and 6211893 (clutch side).

NB! All other crankcases must have the pick-up assembled with 1x Additional gasket and 5 (five) kg must added to their total class weight. The engine will be clearly marked for easy identification at the scale, i.e. Micro Max 110 (one hundred and ten) kg and Mini Max 120 (one hundred and twenty) kg when using any casing other than pick-up side 6211885 and clutch side 6211893.

7. **Mini and Micro Max**
Rear track Micro Max: The maximum overall width is **110** ***(one hundred and ten)*** **cm** measured to the outermost face of the rims or tyres, whichever is the greater.
Rear track Mini Max: The maximum overall width is **113** ***(one hundred and thirteen)*** **cm** measured to the outermost face of the rims or tyres, whichever is the greater.

The permitted width of rims shall be: - (maximum measurement to inside of rim flange, minimum measurements to inside of rim flange): Front Maximum **11.5 (*(eleven point five)* cm** / Rear Maximum **15.0 (fifteen)cm** Minimum **13.0 (thirteen) cm**

8. **Fixed Gearing Applicable at All Circuits**

MICRO MAX:
Engine Sprocket: 14 (fourteen) teeth
Rear Sprocket: 75 (seventy-five) teeth

MINI MAX:
Engine Sprocket: 13 (thirteen) teeth
Rear Sprocket: 80 (eighty) teeth

9. **Tyres**

9.1. **Junior Max** Mojo D5 CIK Option

9.2. **Micro Max**

It is permitted in the Micro Max class for competitors to use a heat gun or other means to remove rubber from the tyres ~~in~~ between practices and/or races. This may not be abused to pre-heat tyres before a race and any competitor arriving at the pre-race grid with hot tyres will not be permitted to start until sufficient water has been poured over the tyres to cool them down. The onus is on the competitor/entrant to cool the tyres to the satisfaction of the officials. **NB:** the organizers at various circuits have limited power supply so competitors are urged to bring their own generator if they intend using a heat gun.

10. **Exhaust - Micro Max**

A Mini Max exhaust conforming with the Global Technical regulations may be used with a Micro Max engine conforming to the 2026 regulations.

11. **Exhausts – Micro and Mini Max**

To ensure absolute parity, ten (10) Micro Max and Mini Max exhausts will be allocated in Parc Fermé by means of a random draw.
Competitors in the Micro Max and Mini Max classes will collect the exhaust corresponding to their drawn number prior to the relevant session and return it after each session, whereupon the exhausts will be randomly reallocated.
An endoscope and a dedicated checking jig will also be available for the TC and or Scrutineer to quickly verify the dimensions of exhausts used by competitors who are not issued with an organiser-controlled exhaust.

---------- END OF SUPPLEMENTARY TECHNICAL REGULATIONS ----------