

Technical Regulations Shifter categories



8.00 / Chassis	Maximum of one per event. Only CIK/FIA homologated karts from 2015 onwards are permitted. The homologation sheet and/or certificate must be available for inspection at all times.		
8.01 / Brakesystem	Hydraulic system only, CIK-FIA homologated. Four-wheel braking operated by foot pedal. The homologation sheet must be available for inspection at all times. Ceramic brakes are prohibited. An additional brake cable, minimum 1.8 mm thick, between the master brake cylinder and the brake pedal is mandatory. An additional retaining pin on the brake pads is mandatory.		
8.02 / Rear axle			
Diameter	"Ø50 mm magnetic material, made from a single piece."		
Wall thickness	Minimum 1,9mm (along the entire length)		
8.03 / Rims	Aluminium or magnesium / 5-inch diameter. Additions to the rims, with the exception of adhesive balancing weights, are prohibited. Safety rim bolts are mandatory when using slick tires.		
Dry	Maximum 135/215 mm / measured at the outer edge of the rim.		
Wet	Maximum 132/180mm / measured at the inner side of the rim.		
Rear track width	Maximum 140cm / measured at the outer edge of the rim. Minimaal 134cm / measured at the inner side of the rim.		
8.04 / Tires			
Slick	Le Cont LPM Prime with chrono logo	Front: 10x4.50-5	Rear: 11x7.10-5
Wet	Le Cont LWR with chrono logo	Front: 4,5x10x5	Rear: 6,0x11x5
	<p>Slick and Wet tires from the parc fermé via voucher system (see Sporting Regulations 2026).</p> <p>Tampering with the barcode sticker is prohibited. No modifications or treatments are allowed.</p> <p>Maximum of 2 sets slicks and 1 set of wets.</p> <p>Brand names, code numbers, barcodes, and size markings on the tires must always remain visible. Any form of artificial heating, roughening, processing, and/or cleaning or treating with (chemical) aids is prohibited. Only normal air is allowed in the tires.</p>		
8.05 / Rearbumper	The new type of homologated rear bumper with separate end pieces on the left and right is mandatory, including sticker marking on the separate end pieces.		

	<p>At all times, the minimum rear bumper width must be 1340 mm. The rear bumper must always be aligned with the outer edge of the rim.</p>
<p>8.06 / Side-pods Frontbumper Frontpanel Chassis protector</p>	<p>Only with a complete CIK-homologated spoiler set. Side pods must consist of a single homologation. Front bumper type: CIK click bumper. The homologation sheet must always be available for inspection. The complete set must be free of damage, subject to the assessment of the Technical Committee (TC).</p> <p>Only plastic frame protection is allowed, on the following locations: left and right front (waist) and on the front tube. Subject to the assessment of the TC.</p>
<p>8.07 / Fuel tank</p>	<p>Plastic fuel tank securely mounted at the steering rod support. All tank venting must discharge into a reservoir.</p>
<p>8.08 / Age & Weights</p>	<p>See Sporting Regulations 2026</p>
<p>8.09 / Race numbers</p>	<p>See Sporting Regulations 2026</p>
<p>8.10 / Seat</p>	<p>The seat must be mounted in at least 4 points. The seat must be installed with freedom of movement (L.R top and L.R bottom). The two main upper attachments on the left and right of the seat (between the seat and seat support) must be fitted with washers with a minimum thickness of 1.5 mm and a minimum diameter of 40 mm. Any additional seat supports that are not secured with a bolt must be removed from the chassis.</p>
<p>8.11 / Lead attachment</p>	<p>Lead may only be attached to the chassis or the seat.</p> <ul style="list-style-type: none"> • Up to 3 kg: minimum 2 × M6 bolts with large body washers and lock nuts • Up to 6 kg: minimum 2 × M8 bolts with large body washers and lock nuts • Up to 10 kg: minimum 4 × M8 bolts with large body washers and lock nuts <p>Excessively long protruding bolts are prohibited (maximum 10 mm). For safety reasons, the Technical Committee (TC) may require the lead to be repositioned at any time.</p>
<p>8.12 / Data Systems</p>	<p>Data logging is allowed, including through the use of a GPS module. With this GPS module, data may only be stored in the system mounted on the kart.</p> <p>Apart from the permitted GPS module for data logging, any form of telemetry and/or radio communication is prohibited.</p> <p>Transferring data from the system mounted on the kart to a fixed station (laptop, computer, printer, monitor, etc.) is not allowed during timed sessions and races on the track, in the pit lane, or in the Parc Fermé.</p>
<p>8.13 / Cameras</p>	<p>Cameras are not allowed (chassis, helmet, etc.).</p>

Technical Regulations Shifter engines

8.14 / Foreword	<p>Only CIK-FIA homologated KZ and IAME Super Shifter engines built according to the CIK/FIA regulations are permitted (Homologation Regulations Art. 8.4 to 8.9).</p> <p>The homologation sheet must always be available for inspection!</p>
8.15 / Engines	<p>It is permitted to register and use two homologated engines per event. The 2026 Technical Engine Specifications as set by the CIK/FIA apply. The following technical engine specifications form an integral part of the CIK/FIA regulations.</p> <p>All parts of the homologated engine must always be identical and original, as recorded on the homologation sheet.</p>
8.16 / Carburettor	<p>For KZ: Dellorto PHSB30 of de VSHS30 For IAME Super Shifter: Tillotson HB 15a 907</p> <p>Carburetor, original as specified with the dimensions and drawings on the homologation sheet.</p>
8.17 / Airbox	<p>Completely standard as CIK/FIA homologated from 2022. Intake pipe diameter maximum Ø 30 mm.</p>
8.18 / Ignition	<p>Completely standard as belonging to the engine and homologated by the CIK-FIA. The organization reserves the right at all times to replace an ignition system.</p>
8.19 / Reedvalve	<p>Reed-valve box, original as specified with the dimensions and drawings on the homologation sheet. Reed-valve box cover is free.</p>
8.20 / Carter	<p>Crankcase, original as specified with the dimensions and drawings on the homologation sheet. Engine numbers must always be original and clearly legible. Illegible engine numbers will not be accepted.</p>
8.21 / Combustion chamber	<p>Minimum volume of 13 cc, measured including the CIK/FIA spark plug (measured according to the CIK/FIA method using Dexron VI oil).</p>
8.22 / Spark plug	<p>Brand free (available on the open market and strictly original). The spark plug body, screwed into the cylinder head, must never protrude into the combustion chamber of the cylinder head (electrode not included). Thread size: M14 × 1.25 = 18.5 mm.</p>

8.23 / Exhaust port	Maximum 199 °C, measured according to Article 2.25.3.2 of the CIK/FIA Technical Regulations.
8.24 / Exhaust	<p>Belonging to the engine, original as specified with the dimensions and drawings on the homologation sheet.</p> <p>Any (permanent) sound measurement present at a circuit is decisive.</p>
8.25 / End silincer	<p>A CIK/FIA rear silencer homologated as of 2014.</p> <p>The homologation sheet must always be available for inspection. Note: these must comply with the circuit's noise regulations. Note: silencers must always meet the weight according to the homologation.</p> <ul style="list-style-type: none"> • Homologation 039-SE-24, brand Elto, type TD3, weight: 1820 g -2% / +8% • Homologation 043-SE-09, brand D Racing, type Adria, weight: 1700 g -2% / +8% • Homologation 038-SE-93, brand MC Racing, type NEW MC, weight: 2165 g -2% / +8% <p>Silencers must be completely original and in good condition; the silencing material must be replaced on time and always properly installed. The end pipe of the silencer must always point towards the asphalt.</p> <p>Any (permanent) noise measurement present at a circuit is decisive.</p>
8.26 / Radiator	<p>Only filled with water!</p> <p>Covering the radiator is only allowed if the tape used is applied in such a way that it cannot come off while driving, i.e., completely wrapped around at least twice. During any winter championships between November and March, a maximum of 150 cc of antifreeze may be added. The radiator venting must discharge into a reservoir.</p>
8.27 / Drivetrain	<p>Only with a mechanical, manually operated gearbox with 6 gears. All systems that interrupt the ignition during shifting are prohibited.</p>
8.28 / Fuel	<p>98 OCTANE! (Check fuel bulletin for designated Fuel Station)</p> <p>At the request of the Race Director / Technical Committee, fuel samples may be taken at any time during the event to check compliance with this article.</p> <p>All DF1 measurements below -40 or above +40 are rejected (Digitron measurement).</p>
8.29 / 2-stroke oil	<p>Only CIK/FIA -approved 2-stroke kart racing oil is allowed (see CIK/FIA list). It is prohibited to add any product to the oil.</p>