

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

Kids Karts

Age	5-7years (Attained Age)
Motor	Comer C-51 Piston Port (I.K.F. 622.50); Old-Style C-50 Motors are Allowed with a 20-lb. Weight Handicap
Chain/Gearing	219 chain, 10-tooth driver, 89 tooth axle sprocket
Weight/Specs	<ol style="list-style-type: none">1. 150-lb.; 170-lb. for Old Style Motors2. 40-inch Maximum Front Width3. 39-inch Minimum, 42-inch Maximum Rear Width
Fuel	➔ Spec fuel/oil mix: VP110 with Maxima 927 or Burris Hi-Rev Castor (driver's option); eight (8) ounces oil per gallon of fuel
Tires	➔ Bridgestone YHC, Burris B55A, Burris B44A, Maxxis MH or Maxxis HG3; front 4.5-5; rear max. 5.5-5; (20psi max after event)

See I.K.F. 208.3 for more specific class regulations

Junior 1

Age	8-11 years
Motors	<ol style="list-style-type: none">1. 80cc DAP T-402. Yamaha 100cc KT-100S with 0.600 Restrictor or Optional Carburetor (I.K.F. 623.4.2)3. RLV Box Muffler - YBX (I.K.F. 623.1)4. Engine Clutch Only - No Direct Drive
Weight/Specs	<ol style="list-style-type: none">1. 225-lb.2. Additional 20-lb penalty for old style Yamaha cylinder3. 50-inch Maximum Rear Width
Fuel	➔ Spec fuel/oil mix: VP110 with Maxima 927 or Burris Hi-Rev Castor (driver's option); eight (8) ounces oil per gallon of fuel
Tires	➔ Bridgestone YHC, Burris B55A or B44A, Maxxis MH or HG3

HPV 1 Cadet

Age	8-11 years
Motors	<ol style="list-style-type: none">1. Horstman HPV 100 (No Comet K-71)2. HPV1 Pipe and Flex (I.K.F. 620.59.2, 620.54.3 and 620.54.1)3. Header (I.K.F. 620.54.1)4. Spec Clutch (I.K.F. 620.53.1 and SDKA Policy 100.9)
Weight/Specs	<ol style="list-style-type: none">1. 240-lb.2. 50-inch Maximum Rear Width

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

Fuel → Spec fuel/oil mix: VP110 with Maxima 927 or Burris Hi-Rev Castor (driver's option); eight (8) ounces oil per gallon of fuel

Tires → Bridgestone YHC, Burris B55A or B44A, Maxxis MH or HG3

HPV 2 Junior

Age 12-15 years

Motors

1. Horstman HPV 100 (No Komet K-71)
2. HPV2 Pipe and Flex (I.K.F. 620.54.4)
3. Header (I.K.F. 620.54.1)
4. Spec Clutch (I.K.F. 620.53.1 and SDKA Policy 100.9)

Weight/Specs

1. 310-lb.
2. 55-1/8-inch Maximum Rear Width

Fuel → Spec fuel/oil mix: VP110 with Maxima 927 or Burris Hi-Rev Castor (driver's option); eight (8) ounces oil per gallon of fuel

Tires → Bridgestone YHC, Burris B55A or B44A, Maxxis MH or HG3

Formula Y/C Heavy

Age 16 and up

Motors

1. Yamaha 100cc KT-100S (new style "787" cylinder only)
2. RLV 8787 Pipe Kit, Header and 12-1/4" Minimum Flex (I.K.F. 208.1.2, 623.9 and 623.10)
3. Engine Clutch Only - No Dry Clutch; No Direct Drive

Weight/Specs →

1. 370-lb. Total Weight
2. 55-1/8-inch Maximum Rear Width

Fuel → Spec fuel/oil mix: VP110 with Maxima 927 or Burris Hi-Rev Castor (driver's option); eight (8) ounces oil per gallon of fuel

Tires → Bridgestone YHC, Burris B55A or B44A, Maxxis MH or HG3; Rear Option 6.0 or 7.10

80cc Shifter

(ProKart Challenge Series Formula K1)

Age 16 and up

Motors

1. Honda CR-80
2. Kawasaki KX-80
3. Suzuki RM-80

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

4. Yamaha YZ-80, TM80 MX
Weight 360-lb. w/o Front Brakes; 370-lb. with Front Brakes
Rear Width 55-inches
Fuel 1. Fuel - ProKart Spec Fuel
2. Oil - ProKart Spec Oil; Fuel/Oil Ratio (open)
Tires → ProKart Spec Tires or SDKA Spec Tires (drivers option)
Class and Motor Standards per the **Superkarts!USA 2008-2009 Competition Rule Book**

→ **Stock 125cc Shifter - Light**
(ProKart Challenge Series Formula S3)

Age 16 and up
Motors 1. 1999-2001 Honda CR-125, Stock OEM
2. 1997 Cylinder & Head may be used; No Grinding
Weight 385-lb.
Rear Width 55-inches
Fuel 1. Fuel - ProKart Spec Fuel
2. Oil - ProKart Spec Oil; Fuel/Oil Ratio (open)
Tires ProKart Spec Tires or SDKA Spec Tires (drivers option)
Class and Motor Standards per the **Superkarts!USA 2008-2009 Competition Rule Book**

→ **Stock 125cc Shifter - Heavy**
(ProKart Challenge Series Formula S4)

Age 35 and up
Motors 1. 1999-2001 Honda CR-125, Stock OEM
2. 1997 Cylinder & Head may be used; No Grinding
Weight 415-lb.
Rear Width 55-inches
Fuel 1. Fuel - ProKart Spec Fuel
2. Oil - ProKart Spec Oil; Fuel/Oil Ratio (open)
Tires ProKart Spec Tires or SDKA Spec Tires (drivers option)
Class and Motor Standards per the **Superkarts!USA 2008-2009 Competition Rule Book**

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

Open 125cc Shifter

(ProKart Challenge Series Formula S1/S2 and Formula G1/G2)

Age	16 and up
➔ Motor	Moto: Honda CR-125, Kawasaki KX-125, Suzuki RM-125, Yamaha YZ-125, TM Moto 125 ICC: As currently approved by CIK-FIA; per SKUSA 20.3.3
Weight	385-lb.
Rear Width	55-inches
Fuel	1. Fuel - ProKart Spec Fuel 2. Oil - ProKart Spec Oil; Fuel/Oil Ratio (open)
Tires	➔ ProKart Spec Tires or SDKA Spec Tires (drivers option)

Class and Motor Standards per the **Superkarts!USA 2008-2009 Competition Rule Book**

TaG-USA Senior & Heavy

Age	16 and up
➔ Motor & Weight:	Per TaG-USA 2008 Rules (not released as of SDKA <i>By-Laws & Policies</i> publication date) See TaG-USA web site at http://www.tagracing.net/rules.html No Driver weight limit or minimum for TaG-USA Heavy.
Fuel/Oil	VP MS93 or MS98 with oil and ratio as recommended by the motor manufacturer.
➔ Tires	Bridgestone YHC, Burris B55A or B44A, Maxxis MH or HG3

➔ Club Rotax

Class and Motor Standards per Rmax Challenge Rules

Age	16 and up
Motor	ROTAX MAX FR125 (US)
Weight	385-lb.
Rear Width	55-inches
Fuel/Oil	Per Rotax Max Challenge Rules (VP MS93; Motul 800 2T)
Wheels	Bead Locks Not Mandatory

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

Tires SDKA Spec Tires (Bridgestone YHC, Burriss B55A or B44A, Maxxis MH or HG3) or Mojo D2 (Driver's Option)

Brakes Front brakes optional

All other rules from the Rotax Max Challenge (RMC) Rules and Manuals shall apply (available from SSC). Rules for the southern California RMC Series (Gatorz Karting Challenge in 2008/2009) apply when they differ from the national RMC Rules.

➔ **Rotax DD2**

Class and Motor Standards per Rmax Challenge Rules

Age 16 and up

Motor Rotax DD2/RM1

Weight 385-lb.

Rear Width 55-1/8 inch

Fuel/Oil Per Rotax Max Challenge Rules (VP MS93; Motul 800 2T)

Tires **Mojo D2**

All other rules from the Rotax Max Challenge (RMC) Rules and Manuals shall apply (available from SSC). Rules for the southern California RMC Series (Gatorz Karting Challenge in 2008/2009) apply when they differ from the national RMC Rules.

See Policy 100.2 for more specific class regulations.

Additional Specifications

1. Air boxes are mandatory for all classes (I.K.F. 603.1.4) except Shifters. 2-baffles on engines 110cc and less (I.K.F. 603.1.4.1); 3-baffles on engines greater than 110cc (I.K.F. 603.1.4.2). Air boxes are not required for Shifters.
2. ➔ All helmets shall meet the requirements of IKF 105.1.6 Head Gear: "Full coverage (full face) helmets designed for competitive motorsports use are mandatory and must comply with one of the following:

"Snell Foundation Specifications	Legal Until
2000 SA and M	12/25/2009
2005 SA and M	12/25/2014
2005 K	12/25/2014
"SFI Specifications	Legal Until
24.1 (youth helmet)	12/25/2012
31.2a	12/25/2012

2008 S.D.K.A Championship Classes

CLASS STRUCTURES

41.2a	12/25/2012
24.1 / 2005 (youth helmet)	12/25/2014
31.1 / 2005	12/25/2014
41.1 / 2005	12/25/2014

"Helmet must be in good condition and is subject to pre-race technical inspection. It may also be inspected if it is damaged in an accident*. If the helmet shows any damage, IKF recommends that it be returned to the manufacturer for testing and recertification. Helmet must be secured with a strap. The driver is responsible for making sure that his or her helmet fits properly and is securely fastened before entering the racing surface. In the case of a minor, this is the parent or guardian's responsibility. Failure to properly secure the helmet before entering the racing surface may result in disqualification.

"*Accident: Accidents will be investigated and the involved karts may be required to stop for inspection by officials in charge. Race officials may also inspect driver helmet and other safety apparel for damage. The Race Director may impound damaged apparel."

Youth Helmet: For drivers under the attained age of 12.

3. CIK Style bodywork (nose piece, side pods and driver fairing) only per I.K.F. (201.9) and Region 7.
4. ➔ The SDKA Spec Fuel is VP110 by VP Racing Fuels with 8-ounces of Maxima 927 or Burris Hi-Rev Castor (driver's option) oil per gallon of fuel.
5. 80cc and 125cc Shifter karts shall use the ProKart Challenge Series Spec Fuel and Oil; ratio is open.
6. TaG-USA Senior and Heavy karts shall use VP MS93 or MS98 fuel; oil and ratio as recommended by the motor manufacturer.
7. ➔ Club Rotax and Rotax DD2 shall use VP MS93 with Motul 800 2T Off-Road; oil and ratio as recommended by the motor manufacturer.