

Beaver Dam Raceway Karts

2020 Kart Classes and Specifications

All classes must meet all aspects of the 2020 Beaver Dam Raceway Rulebook, available under the KARTING INFO section on the Beaver Dam Raceway website.

KID KARTS Ages 5-7

4 cycle class includes engines: Briggs JR206, or Spec Clone

Briggs JR206:

- Engine must adhere to the “2019 206 United States Rule Set” as published on Briggs and Stratton Racing’s website unless otherwise specified.
https://www.briggsracing.com/sites/default/files/briggs-2020-206_rules_final_ver.pdf
- 4100 RPM rev limiter
- Must use slide #555732, 0.285” max carb opening
- 15/56 gear

Spec Clone:

- AKRA stock components only
- Throttle stop must be set to limit no load engine speed to 4100 RPM (must have tiny tach installed to verify rpm setting)
- Red restrictor plate (0.375” opening)
- 15/58 gear

2-cycle class includes Engines: Comer C-50 or C-51

- Comer engine stock per WKA rules
- 10/89 gear

Tires: Max tire circumference is 33.75”

Minimum Weight: 155 lb.

Note: Clone specs may be adjusted to achieve competitive balance.

Briggs Sealed Box Stock Ages 7-12

Engine: LO206 with factory seals

- Engine must adhere to the “2019 206 United States Rule Set” as published on Briggs and Stratton Racing’s website unless otherwise specified in these rules.
https://www.briggsracing.com/sites/default/files/briggs-2020-206_rules_final_ver.pdf
- Exception is any air filter allowed
- Purple slide part number #555735, 0.342” max opening

Tires: Any Burris 33

Clutch: Drum only

Fuel: 91 Octane or less "Pump Gas" only
Minimum Weight: 265 lb.

Briggs Junior 2 Ages 8-15

Engines: Sealed Briggs LO206 or Briggs stock Animal 6.5 HP

Briggs LO206:

- Engine must adhere to the "2019 206 United States Rule Set" as published on Briggs and Stratton Racing's website unless otherwise specified.
https://www.briggsracing.com/sites/default/files/briggs-2020-206_rules_final_ver.pdf
- Exception is any air filter is allowed
- Fuel: 91 Octane or less "Pump Gas" only
- Yellow slide part number #555741, 0.570" max opening
- Drum clutch.

Briggs Animal:

- Briggs stock Animal 6.5 HP, WKA specs
- Alcohol (methanol) fuel allowed
- Turquoise restrictor (top hole 0.275", bottom hole 0.325")
- Any clutch

Tires: Any Burris 33

Minimum weight: 290 lbs.

Sportsman Ages 12+

Engines: LO206 or AKRA/NKA Spec Clone

Briggs LO206:

- Engine must adhere to the "2019 206 United States Rule Set" as published on Briggs and Stratton Racing's website unless otherwise specified.
https://www.briggsracing.com/sites/default/files/briggs-2020-206_rules_final_ver.pdf
- Exception is any air filter is allowed

Tires: Burris 33 or 33A slicks only on LO206 powered karts. Hoosier treaded tires only on clone powered karts

Clutch: Drum clutch only

Fuel: 91 Octane or less "Pump Gas" only

Minimum Weight: (this weight is based on matching hp/weight ratios of both engine combinations.) Weight may be adjusted to achieve competitive balance.

Weights: must be displayed on right side bodywork in 1" number.

AKRA/NKA Clone – 360 lb.

AKRA/NKA Clone with .575 restrictor – 320lbs

LO206 – 320 lb.

SUPER Pro Heavy Ages 14+

Engines: Stock Appearing Clone, Briggs LO206, WKA Briggs Animal, Honda GX390

Stock Appearing (S/A) Clone:

- 196CC max
- Drum clutch only (except GX390 option),
- Pull start only
- Pump gas
- Stock carbs only
- Any flywheel
- Refer to Section 8 of the Beaver Dam rule book for STOCK APPEARING CLONE ENGINE SPECS.

Briggs LO206:

- Engine must adhere to the “2019 206 United States Rule Set” as published on Briggs and Stratton Racing’s website unless otherwise specified.
https://www.briggsracing.com/sites/default/files/briggs-2020-206_rules_final_ver.pdf
- Exception is any air filter is allowed
- 6100 RPM Limiter
- Pump gas
- Drum clutch

WKA Briggs Animal:

- Must meet WKA rules
- Alcohol (methanol) fuel allowed
- Any clutch

Honda GX390:

- Tilley carburetor
- Any clutch
- Any pipe

Tires: Slick tires. No treaded tires.

Weights: must be displayed on right side bodywork in 1" number.

- Briggs LO206 sealed, no restrictor – 300 lb.
- WKA Briggs Animal – 360 lb.
- S/A Clone 0.500" restrictor and .750 pipe – 300 lb.
- S/A Clone 0.550" restrictor and open pipe – 325 lb.
- S/A Clone Stock bore carb, no restrictor, and open pipe – 365 lb.
- S/A Clone Stock appearing carb, no restrictor, open pipe – 375 lb.
- Honda GX390, no restrictor – 475 lb.

Notes:

These weights may be adjusted to ensure competitive balance.
Other engine combinations may be eligible - check with the track staff.

Junior Sprints:

Engine must meet WKA World Formula engine rules. These rules are available by clicking on “Jr Sprint Engine” under the KARTING INFO section on the Beaver Dam Raceway website

INEX Bandoleros:

Must meet all specs of 2020 Beaver Dam Raceway Rulebook and INEX Rulebook.
Driver must have a license for INEX Bandolero division.

Note - Competitors may utilize one kart in multiple classes, providing it meets all class rules and has been pre-approved by the track staff and management.