

SUPPLEMENTARY REGULATIONS

OFFICIAL BEARS CLASSES 2020

BEARS Formula One: Purpose built race bikes and technically advanced production sport bikes.
550cc - Open capacity, fuel, and tyres. **No cross entry between F1 & F1b**

BEARS Formula One 'B': Purpose built race bikes and technically advanced production sport bikes. Twin cylinder up to 750cc, Triples up to 675cc, Four cylinder up to 600cc. All machines allowed 4 valves per cylinder. Open fuel and tyres. **No cross entry between F1b & F1**

BEARS Formula Two: Purpose built race bikes of: Four stroke, 350 - 750cc multi. Max. 2 valves per cylinder - Pump fuel, Open tyres. 350 - Open single - Open fuel, Open tyres. Two stroke, 0-350cc multi. 0 - 600cc single - Pump fuel, Open tyres.

BEARS SuperStock: Production based bikes. Original engine chassis & suspension layout. Modifications are permitted providing original concept and design are retained. E.g. a twin shock suspension may be altered to a box section swing arm but not changed to mono shock etc. Pump fuel only.

Tyres. Only treaded tyres on sale to the general public in New Zealand as E or Dot marked road legal approved treaded tyres (tyres that are manufactured for road use in all weather conditions) When a race or practice has been declared "wet", the use of a wet tyre is allowed.

Two classes run concurrently,

0 - 750cc fuel injection allowed if fitted as std equipment. Four stroke multi Max. 2 valves per cylinder. Single cylinder machines may have 4 valves per cylinder

751 - Open cc fuel injection allowed if fitted as std equipment. Four stroke multi Max 2 valves per cylinder. Single and shaft drive machines may have 4 valves per cylinder but multi limited to 1000cc

Heritage: Any tubular steel construction frame with non upside down forks, must have twin rear shock suspension, one mounted each side of rear swing arm. Shaft driven bikes with twin or single shock must have rear shock absorber mounted beside differential. Open tyres, open capacity engine, air cooled, open fuel, carburetted and non- belt driven valve gear.

Lightweight: Two classes run concurrently. Open fuel, open tyres. **No GP bikes.**

Lightweight Ltd - Four Stroke, 0 – 400cc singles & air-cooled multi's

-**Two Stroke,** 0 – 350cc air cooled singles, 0 – 250cc air cooled
Multi's & water cooled singles, 0 - 125cc water cooled multi's.

Lightweight - - **Four Stroke,** 401 – 600cc singles & air cooled multi's,
- **Two Stroke,** 351 – 400cc air cooled singles, 251 – 300cc
Water cooled singles, 251 – 400cc air cooled multi's,
126 -200cc water cooled multi's.

Moto-Euro – Any bike manufactured in mainland Europe. (i.e. no British bikes) European engine & frame or frame of non Asian design. 401cc – Open water cooled 4 valves per cylinder twins. 601cc – open capacity all other machines. Open fuel, Open tyres.

Best of British: Open to any motorcycle manufactured in Britain. British engine and frame or frame of non Asian design. Open fuel, open tyres. Four classes run concurrently.

- 0-750cc
- 751cc-Open
- **Hinckley Twins**
- Hinckley Triples and Fours

BEARS Novice: (Non Champions class) Eligibility of rider & machine subject to Clerk of Course or Race Committees' approval. Non monetary prizes. To be run concurrently with BEARS lightweight class.

If the Novice class riders have done less than 5 events, they MUST wear a fluoro vest to identify this to other riders

BEARS Classics: (Non Championship Class) Non Asian design, pre 1972, no disc brakes, treaded tyres. Frame and suspension must resemble this era. Two classes run concurrently:

- 0 - 500cc
- 501cc - Open

Milwaukee Iron: Open to any Harley Davidson, Buell or EBR. Frames must be of non- Asian design. Open Fuel, open tyres. Two classes run concurrently. 2V (max 2 valves per cylinder), 4V (max 4 valves per cylinder)
As per MNZ direction, races to be limited to 50 bikes on the starting grid per race

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