

SUPPLEMENTARY REGULATIONS

OFFICIAL BEARS CLASSES

Winter Series 2020

BEARS Formula One: Purpose built race bikes and technically advanced production sport bikes. Open capacity, fuel, and tyres.

BEARS Formula One B: This will be run concurrent with F1. 'B' grade bikes will be twin cylinders up to 750cc, triples up to 675cc and four cylinders up to 600cc with 4 valves per cylinder. Note: 'B' class is only for bikes that would normally be in F1.

BEARS Formula Two: Purpose built race bikes of: Four stroke, 0 - 750cc multi. Max. 2 valves per cylinder - Pump fuel, Open tyres. O - 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. Treaded tyres. 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: (No EVO Harleys) 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
- Hinckley Twins & Fours

BEARS NOVICE (Non Champions class) Eligibility of rider & machine subject to Clerk of Course or Race Committees' approval. Non monetary prizes. To 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

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)

By invitation CAMS – Pre 72, Pre 82, Pre 89 & Pre 96 are included in the Winter Series Events.

As per the Manual of Motorcycle Sport.