



VCRR 05 FIM EUROPE VINTAGE ROAD RACE MACHINE ELIGIBILITY RULES

INDEX

Overview & General Notes.....	2
-------------------------------	---

VINTAGE SECTION

VCRR 05.1.1	VINTAGE SOLO CLASSES	2
VCRR 05.1.2	FRAME, FORKS & SUSPENSION	2
VCRR 05.1.3	ENGINE	3
VCRR 05.1.4	GEARBOX & CLUTCH.....	3
VCRR 05.1.5	CARBURETTOR	3
VCRR 05.1.6	IGNITION SYSTEM	3
VCRR 05.1.7	BRAKES	3
VCRR 05.1.8	WHEELS & TYRES.....	3
VCRR 05.1.9	EXHAUST SYSTEM.....	4
VCRR 05.1.10	INSTRUMENTS & CONTROLS.....	4
VCRR 05.1.11	TANKS & FAIRINGS	4
VCRR 05.1.12	NUMBER PLATES	4

FORGOTTEN ERA SECTION

VCRR 05.2.1	FORGOTTEN ERA SOLO CLASSES	4
VCRR 05.2.2	FRAME, FORKS & SUSPENSION	4
VCRR 05.2.3	ENGINE.....	4
VCRR 05.2.4	GEARBOX & CLUTCH.....	5
VCRR 05.2.5	CARBURETTOR	5
VCRR 05.2.6	IGNITION SYSTEM.....	5
VCRR 05.2.7	BRAKES	5
VCRR 05.2.8	WHEELS & TYRES	5
VCRR 05.2.9	EXHAUST SYSTEM.....	5
VCRR 05.2.10	INSTRUMENTS & CONTROLS	5
VCRR 05.2.11	TANKS & FAIRINGS	5
VCRR 05.2.12	NUMBER PLATES	5

POST CLASSIC SECTION

VCRR 05.3.1	POST CLASSIC SOLO CLASSES.....	4
VCRR 05.3.2	FRAME, FORKS & SUSPENSION	4
VCRR 05.3.3	ENGINE	4
VCRR 05.3.4	GEARBOX & CLUTCH.....	5
VCRR 05.3.5	CARBURETTOR	5
VCRR 05.3.6	IGNITION SYSTEM.....	5
VCRR 05.3.7	BRAKES	5
VCRR 05.3.8	WHEELS & TYRES	5
VCRR 05.3.9	EXHAUST SYSTEM.....	5
VCRR 05.3.10	INSTRUMENTS & CONTROLS	5
VCRR 05.3.11	TANKS & FAIRINGS	5
VCRR 05.3.12	NUMBER PLATES	5

SIDECAR SECTION

VCRR 05.4.1	VINTAGE SIDECAR CLASSES	6
VCRR 05.4.2	FRAME, FORKS & STEERING	6
VCRR 05.4.3	ENGINE	6
VCRR 05.4.4	GEARBOX & CLUTCH.....	6
VCRR 05.4.5	CARBURETTOR	6
VCRR 05.4.6	IGNITION SYSTEM & KILL SWITCH	6
VCRR 05.4.7	BRAKES	6
VCRR 05.4.8	WHEELS & TYRES.....	6
VCRR 05.4.9	EXHAUST SYSTEM.....	7
VCRR 05.4.10	INSTRUMENTS & CONTROLS.....	7
VCRR 05.4.11	TANKS & FAIRINGS.....	7
VCRR 05.4.12	NUMBER PLATES	7
VCRR 05.5.1	FORGOTTEN ERA SIDECAR.....	7
VCRR 05.5.2	FRAME, FORKS & STEERING.....	7
VCRR 05.5.3	ENGINE.....	7
VCRR 05.5.4	GEARBOX & CLUTCH.....	7
VCRR 05.5.5	CARBURETTOR.....	8
VCRR 05.5.6	IGNITION SYSTEM & KILL SWITCH.....	8
VCRR 05.5.7	BRAKES.....	8
VCRR 05.5.8	WHEELS & TYRES.....	8
VCRR 05.5.9	EXHAUSTS SYSTEM & SILENCERS.....	8
VCRR 05.5.10	INSTRUMENTS & CONTROLS.....	8
VCRR 05.5.11	TANKS & FAIRINGS.....	8
VCRR 05.5.12	NUMBER PLATES.....	8

OVERVIEW

The purpose of these eligibility rules is to ensure the Vintage machines racing today represent racing machines from the Vintage, Forgotten Era and Post Classic Eras.

GENERAL NOTES

- Modifications permitted to maintain serviceability and/or meet current regulations are detailed in these rules.
- Eligibility will not be granted to a machine, assembled from period components, of a type that was not raced pre 31/12/1972, except class 2b that may use components up to 1983.
- Any replica part used must closely resemble the original period part.
- The owner/rider is responsible for supplying proof of eligibility of any machine or component.
- Eligibility certificates issued to “Vintage” machines by the UK, Scandinavian or Croatia registration schemes will be accepted for FIM Europe Cup events.
- The interpretation of the Vintage Machine Eligibility Rules is the responsibility of the FIM Europe Vintage Commission.
- There is a minimum machine weight limit of 55kgs in class 2b.

VINTAGE SECTION

VCRR 05.1.1 VINTAGE SOLO CLASSES

Class 2 - Solo Motorcycles up to 200cc
Class 2b - Solo Motorcycles up to 50cc
Class 3 - Solo Motorcycles 201 - 250cc
Class 4 - Solo Motorcycles 251 - 350cc
Class 5 - Solo Motorcycles 351 - 500cc
Class 6 - Solo Motorcycles 501 – 750cc

All four stroke machines must have been raced or sold commercially in Europe prior to 31/12/1972 except Class 2b that has a cut-off date of 31/12/1983.

All two stroke machines must have been raced or sold commercially in Europe prior to 31/12/1967, except Class 2b that has a cut-off date of 31/12/1983

The 31/12/1983 cut-off date for Class 2b is applicable to all the sections below VCRR05.1.2 to VCRR05.1.12

VCRR 05.1.2 FRAME, FORKS & SUSPENSION

The frame, forks and suspension must be of a style and type raced or available pre 31/12/1972 four strokes, pre 31/12/1967 for two strokes and pre 31/12/1983 for class 2b. Fork braces are not permitted.

Hydraulic or mechanical anti-dive suspension systems are not permitted.

Monoshock rear suspension is not permitted unless original fitment on that machine.

External reservoirs on rear suspension units are not permitted.

VCRR 05.1.3 ENGINE

The engine must be of a type raced or available pre 31/12/1972 (four strokes), 31/12/1967 (two strokes) and pre 31/12/1983 for class 2b. Engines must use the original castings or close replicas and retain the outside appearance of the original manufacturer. It is permitted to adapt the external casings for the sole purpose of using non-original ignition systems and/or the fitting oil coolers.

The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

All engine breather pipes must lead to a catch tank.

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire.

Where required by the National Federation regulations, engine and gearbox oil containment must be fitted in accordance with the National Federation regulations.

Two stroke machines are not permitted in Vintage Class 5 (500cc)

VCRR 05.1.4 GEARBOX & CLUTCH

Gearboxes must retain the outside appearance of the original manufacturer. The internal specification is free from restriction but must meet all the requirements of these eligibility rules. External manually operated overdrive systems are allowed in class 2b.

“Slipper” type clutches are not permitted.

Belt Primary Drives are permitted but should be concealed.

All gearbox breather pipes must lead to a catch tank

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire.

VCRR 05.1.5 CARBURETTOR

Carburettors must be of a pre-31/12/1972 type.

Amal Mk2, Kei-hin CR type and Gardner carburettors are permitted.

Class 2b machines may use flat slide Lektron, Pekar/Lenkar or Gardner carburettors.

Fuel injection is not permitted.

Induction above atmospheric pressure is not permitted.

VCRR 05.1.6 IGNITION SYSTEM

Modern ignition systems may be used but restricted to those with a two-dimensional advance curve.

Ignition systems using throttle position sensors are not permitted.

VCRR 05.1.7 BRAKES

Any pre-1973 drum type brake may be fitted.

The only disc brake callipers permitted are:

1. AP Lockheed two piston calliper.
2. Honda single piston calliper
3. Brembo or Grimeca (Moto Guzzi T3)
4. Dunstall (Integral with slider)
5. Yamaha (XS650)

Floating rotors are not permitted.

VCRR 05.1.8 WHEELS & TYRES

Wheels must be of a diameter 18ins of at least 18 inches and of wire spoke design.

Maximum rim width is 2.15 ins (WM3) for machines up to 500cc and 2.5ins (WM4) for 501cc - 750cc machines.

Moulded treaded tyres must be used, modified slick, and wet weather tyres not permitted.

Tyre warmers are not permitted.

VCRR 05.1.9 EXHAUSTS SYSTEM & SILENCERS

The exhaust system outlet must be approximately horizontal and comply with any sound regulations in force at the meeting.

VCRR 05.1.10 INSTRUMENTS & CONTROLS

Must be of a type used pre 31/12/1972. Instruments must be of the analogue type.

The fitting of digital meters is not permitted. Gear shift change lights are not permitted

VCRR 05.1.11 TANKS & FAIRINGS

Petrol Tanks, seats and fairings must resemble the designs of these components used pre 31/12/1972.

Petrol tanks should contain explosion retardant foam.

VCRR 05.1.12 NUMBER PLATES

All machines must display number plates on the front and both sides. The plates should be 230mm high by 280mm wide.

Colours as below:

50cc Black figures on White background

250cc White figures on Green background

350cc White figures on Blue background

500cc Black figures on Yellow background

750cc Black figures on White background

Forgotten Era >350cc White figures on Red background

Forgotten Era <350cc White figures on Blue background

Sidecars Black figures on White background

VCRR 05.2.1 FORGOTTEN ERA SOLO CLASSES

FORGOTTEN ERA CLASSES

Class 7a Solo motorcycles 351cc – 1300cc (Pre 31/12/1981)

Class 7b Solo motorcycles up to 350cc (Pre 31/12/1981)

VCRR 05.2.2 FRAME, FORKS & SUSPENSION

The frame, forks and suspension must be a style and type used pre-31/12/1979 for class 7a & pre 31/12/1981 for class 7b.

Hydraulic or mechanical anti-dive suspension systems are not permitted.

VCRR 05.2.3 ENGINE

The engine must be of a type raced or available pre-31/12/1979 for class 7a & pre 31/12/1981 for class 7b. Engines must use the original castings or close replicas and retain the outside appearance of the original manufacturer. It is permitted to adapt the external casings for the sole purpose of using non-original ignition systems and/or the fitting oil coolers.

The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

All engine breather pipes must lead to a catch tank.

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire.

Where required by the National Federation regulations, engine and gearbox oil containment must be fitted in accordance with the National Federation regulations.

VCRR 05.2.4 GEARBOX & CLUTCH

Gearboxes must retain the outside appearance of the original manufacturer. The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

Electronic control of the gearbox operation is not permitted.

All gearbox breather pipes must lead to a catch tank

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire, to prevent oil spillage

VCRR 05.2.5 CARBURETTOR

Carburettors must be of a type pre-31/12/1981.

Fuel injection is not permitted.

Induction above atmospheric pressure is not permitted.

VCRR 05.2.6 IGNITION SYSTEM

Modern ignition systems may be used but restricted to those with a two-dimensional advance curve.

Ignition systems using throttle position sensors are not permitted.

VCRR 05.2.7 BRAKES

Brakes must be of a type used pre 31/12/1981.

Brake calliper pistons are limited to a maximum of four pistons per wheel.

VCRR 05.2.8 WHEELS & TYRES

Wheels must be of a type pre-31/12/1981 with a minimum diameter 18ins.
Moulded treaded tyres must be used. Slick, modified slick, and wet weather tyres not permitted. Tyre warmers are not permitted

VCRR 05.2.9 EXHAUST SYSTEM & SILENCERS

The exhaust system outlet must be approximately horizontal and comply with any sound regulations in force at the meeting.

VCRR 05.2.10 INSTRUMENTS & CONTROLS

Must be of a type used pre-31/12/1981.

VCRR 05.2.11 TANKS & FAIRINGS

Petrol Tanks, seats, bodywork and fairings must resemble the designs of these components used pre-31/12/1981.

Petrol tanks should contain explosion retardant foam.

VCRR 05.2.12 NUMBER PLATES

All machines must display number plates on the front and both sides. The plates should be 230mm high by 280mm wide.

Colours as below:

250cc White figures on Green background

350cc White figures on Blue background

500cc Black figures on Yellow background

750cc Black figures on White background

1000cc White figures on Red background

VCRR 05.3.1 POST CLASSIC SOLO CLASSES

Class 9a - 351cc- 500cc Two-strokes manufactured before 31/12/1983, 601cc -1300cc four-stroke manufactured before 31/12/1983, and 750cc four-stroke motorcycles manufactured before 31/12/1987.

Class 9b – Up to 350cc two stroke motorcycles and up to 600cc four stroke motorcycles manufactured before the end of 1987.

VCRR 05.3.2 FRAME, FORKS & SUSPENSION

The appearance and construction shall be as used during the period. Only engine-frame combinations used in the period are permitted.

VCRR 05.3.3 ENGINE

Engines must use the original castings or close replicas and retain the outside appearance of the original manufacturer. It is permitted to adapt the external casings for the sole purpose of using non-original ignition systems and/or the fitting oil coolers.

The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

All engine breather pipes must lead to a catch tank.

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire.

Where required by the National Federation regulations, engine and gearbox oil containment must be fitted in accordance with the National Federation regulations.

VCRR 05.3.4 GEARBOX & CLUTCH

Gearboxes must retain the outside appearance of the original manufacturer. The internal specification is free from restriction but must meet all the requirements of these eligibility rules. Period slipper clutches are permitted

Electronic control of the gearbox operation is not permitted.

All gearbox breather pipes must lead to a catch tank

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire, to prevent oil spillage

VCRR 05.3.5 CARBURETTOR

Carburettors must be of a type that was available during the period.

Period correct fuel injection is allowed only if originally used on the motorcycle.

Induction above atmospheric pressure is not permitted.

VCRR 05.3.6 IGNITION SYSTEM

There is no restriction to the ignition system. The machine shall be equipped with an easily accessible emergency stop switch.

VCRR 05.3.7 BRAKES

The brake drums, calipers and cylinders must be of a type and construction that was used within the period. The discs must be made of ferrous material. The size, type and construction must be period correct.

VCRR 05.3.8 WHEELS & TYRES

The wheels shall be of a design, construction and size that was used within the period.

Moulded treaded tyres must be used. Slick, modified slick, and wet weather tyres are not permitted. Tyre warmers are not permitted

VCRR 05.3.9 EXHAUST SYSTEM & SILENCERS

The exhaust system outlet must be approximately horizontal and comply with any sound regulations in force at the meeting.

VCRR 05.3.10 INSTRUMENTS & CONTROLS

Must satisfy the technical regulations in force at the meeting.

VCRR 05.3.11 TANKS & FAIRINGS

The tank, seat and fairing shall be of type and model that was used within the period.

Petrol tanks should contain explosion retardant foam.

VCRR 05.3.12 NUMBER PLATES

All machines must display number plates on the front and both sides. The plates should be 230mm high by 280mm wide in the colours described below.

250cc White figures on Green background

350cc White figures on Blue background

500cc Black figures on Yellow background

750cc Black figures on White background

1000cc White figures on Red background

VCRR 05.4.1 VINTAGE SIDECAR CLASSES

Class 8a - Pre 31/12/1972 Sidecars Up to 1300cc

Wheels ≤15 inches and a maximum rim width of 5.5 inches. The sidecar wheel size is optional.

Class 8b - Pre 31/12/1972 Sidecars Up to 750cc

Front and rear wheels must be a minimum of 16 and a maximum width of 2.5 in (WM4). The sidecar wheel size is optional.

VCRR 05.4.2 FRAME, FORKS & STEERING

The frame, forks and steering must be a style and type used pre-31/12/1972. The maximum permitted width of the outfit including the exhaust is 1700mm

VCRR 05.4.3 ENGINE

The engines installed in the outfit, must have been raced or sold commercially in Europe prior to 31/12/1972.

Engines must use the original castings or close replicas and retain the outside appearance of the original manufacturer. It is permitted to adapt the external casings when using non-original ignition systems and/or fitting oil coolers.

The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

All engine breather pipes must lead to a catch tank.

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire, to prevent oil spillage.

Where required by the National Federation regulations, engine and gearbox oil containment must be fitted in accordance with the National Federation regulations.

VCRR 05.4.4 GEARBOX & CLUTCH

The gearbox and clutch must be of a type raced or available pre 31/12/1972. Exposed drive trains must have shield(s) fitted for the protection of driver and passenger.

“Slipper” clutches are not permitted

VCRR 05.4.5 CARBURETTOR

Carburettors must be of a pre-31/12/1972 type.

Amal Mk2, Kei-hin CR type and Gardner carburettors are permitted.

Fuel injection is not permitted.

Induction above atmospheric pressure is not permitted.

VCRR 05.4.6 IGNITION SYSTEM & KILL SWITCH

Modern ignition systems may be used, but restricted to those with a two dimensional advance curve. Ignition systems using throttle position sensors are not permitted. An ignition switch operated by a cord attached to the driver's wrist must be fitted as a safety measure in the event of the driver parting company with the outfit.

VCRR 05.4.7 BRAKES

Brakes must be of a type used pre 31/12/1972. The braking system must have two independent systems working on at least two wheels. Brake discs must not be ventilated or incorporate floating carriers.

VCRR 05.4.8 WHEELS & TYRES

Wheels must be of a type used pre 31/12/1972. The maximum width is specified in Section VCRR 05.5.1. Moulded treaded tyres must be used, modified slick, and wet weather tyres not permitted. Tyre warmers are not permitted.

VCRR 05.4.9 EXHAUSTS SYSTEM & SILENCERS

The exhaust system outlet must be approximately horizontal and comply with any sound regulations in force at the meeting.

VCRR 05.4.10 INSTRUMENTS & CONTROLS

Must be of a type used pre 31/12/1972. Instruments must be of the analogue type. The fitting of digital meters is not permitted. Gear shift change lights are not permitted

VCRR 05.4.11 TANKS & FAIRINGS

Petrol Tanks, seats, bodywork and fairings must resemble the designs of these components used pre 31/12/1972.

Petrol tanks should contain explosion retardant foam.

VCRR 05.4.12 NUMBER PLATES

All sidecars must display number plates on the front and both sides. The plates should be 230mm high by 280mm wide.

Colours as below:

VCRR 05.5.1 FORGOTTEN ERA SIDECAR**Class 8c Pre 31/12/1983 Sidecars type F2**

-up to 1100cc four strokes air-cooled

-up to 750cc two strokes air cooled or water cooled

VCRR 05.5.2 FRAME, FORKS & STEERING

The frame, forks and steering must be a style and type used pre-31/12/1983.

VCRR 05.5.3 ENGINE

The engines installed in the outfit, must have been raced or sold commercially in Europe prior to 31/12/1983.

Engines must use the original castings or close replicas and retain the outside appearance of the original manufacturer. It is permitted to adapt the external casings when using non-original ignition systems and/or fitting oil coolers.

The internal specification is free from restriction but must meet all the requirements of these eligibility rules.

All engine breather pipes must lead to a catch tank.

All drain, sump and filler plugs must be safety wired, using 0.7mm annealed stainless wire, to prevent oil spillage.

Where required by the National Federation regulations, engine and gearbox oil containment must be fitted in accordance with the National Federation regulations.

VCRR 05.5.4 GEARBOX & CLUTCH

The gearbox and clutch must be of a type raced or available pre 31/12/1983. Exposed drive trains must have shield(s) fitted for the protection of driver and passenger. "Slipper" clutches are not permitted.

VCRR 05.5.5 CARBURETTOR

Carburettors must be of a pre-31/12/1983 type.
Fuel injection is not permitted.
Induction above atmospheric pressure is not permitted.

VCRR 05.5.6 IGNITION SYSTEM & KILL SWITCH

Modern ignition systems may be used but restricted to those with a two-dimensional advance curve. Ignition systems using throttle position sensors are not permitted. An ignition switch operated by a cord attached to the driver's wrist must be fitted as a safety measure in the event of the driver parting company with the outfit.

VCRR 05.5.7 BRAKES

Brakes must be of a type used pre 31/12/1983. The braking system must have two independent systems working on at least two wheels. Brake discs must not be ventilated or incorporate floating carriers.

VCRR 05.5.8 WHEELS & TYRES

Wheels must be of a type used pre 31/12/1983. Moulded treaded tyres must be used, modified slick, and wet weather tyres not permitted. Tyre warmers are not permitted.

VCRR 05.5.9 EXHAUSTS SYSTEM & SILENCERS

The exhaust system outlet must be approximately horizontal and comply with any sound regulations in force at the meeting.

VCRR 05.5.10 INSTRUMENTS & CONTROLS

Instruments are of a free choice.

VCRR 05.5.11 TANKS & FAIRINGS

Petrol Tanks, seats, bodywork and fairings must resemble the designs of these components used pre 31/12/1983.
Petrol tanks should contain explosion retardant foam.

VCRR 05.5.12 NUMBER PLATES

All sidecars must display number plates on the front and both sides. The plates should be 230mm high by 280mm wide.
Colours: white background and black numbers.