



Federazione
Motociclistica
Italiana



WOMEN'S
EUROPEAN CUP



Pag. 01/02

DAWEC-20

Rel.001

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Mandatory device for checking rev limit (maximum RPM allowed)

| Model | Mandatory device for checking rev limit (maximum RPM allowed) |
|---|---|
| Honda CBR 500 R (all models) | RPM Logger AIM **** |
| Kawasaki Ninja 300 | |
| Kawasaki Ninja 400 | |
| KTM RC 390 e RC 390 R (all models) | |
| Yamaha YZF-R3 e R3A (all models) | |
| **** The RPM logger devices are distributed by https://www.aim-sportline.com/ REFERENT Fabio Geraci fabio.geraci@aim-sportline.com | |
| All motorcycles must comply with the maximum RPM allowed for the motorcycle model in use at all times of the event. | |

MAX RPM allowed and RPM noise control

| Model | MAX RPM Allowed | RPM noise control |
|------------------------------------|-----------------|-------------------|
| Honda CBR 500 R (all models) | 10.000 RPM | 5.000 RPM |
| Kawasaki Ninja 300 | 13.000 RPM | 6.500 RPM |
| Kawasaki Ninja 400 | 10.350 RPM | 6.500 RPM |
| KTM RC 390 e RC 390 R (all models) | 11.150 RPM | 5.500 RPM |
| Yamaha YZF-R3 (all models) | 13.300 RPM | 7.500 RPM |

Minimum weight allowed

| Model | Hard Minimum Weight * | Soft Maximum Weight ** | Combined Minimum Weight *** |
|------------------------------------|-----------------------|------------------------|-----------------------------|
| Honda CBR 500 R (all models) | Kg. 147 | Kg. 160 | Kg. 210 |
| Kawasaki Ninja 300 | Kg. 133 | Kg. 146 | Kg. 200 |
| Kawasaki Ninja 400 | Kg. 137 | Kg. 150 | Kg. 210 |
| KTM RC 390 e RC 390 R (all models) | Kg. 133 | Kg. 146 | Kg. 202 |
| Yamaha YZF-R3 (all models) | Kg. 137 | Kg. 150 | Kg. 204 |

*At any time of the event, the weight of the whole motorcycle (as used on track) must not be lower than the "Hard minimum weight".

** If the motorcycle (as used on track) has achieved or exceeded the "Soft Maximum Weight" then the "Combined minimum weight" does not need to be reached.

*** If the weight of the motorcycle is between the "Hard Minimum Weight" and the "Soft Maximum Weight", the combined weight (the weight of the rider in full racing equipment and bike as used on track) must not be lower than "Combined Minimum Weight".

Tolerance Permitted on the Measurement of the height cylinder heads

| Model | Height cylinder heads (standard) | Tolerance |
|--|----------------------------------|--------------|
| Honda CBR 500 R (all models) | mm. 99.4 | +/- mm. 0.10 |
| Kawasaki Ninja 300 | mm. 102.3 | +/- mm. 0.40 |
| Kawasaki Ninja 400 | mm. 108.7 | +/- mm. 0.10 |
| KTM RC 390 e KTM RC 390 R (all models) | mm. 115.0 | +/- mm. 0.10 |
| Yamaha YZF-R3 (all models) | mm. 109.0 | +/- mm. 0.10 |



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Approved parts

The following table indicates the permitted or mandatory modifications to the motorcycles models.

| COMPONENT | ALLOWED OR MANDATORY MODIFICATIONS | TECHNICAL DRAWINGS |
|-------------------------------------|--|---|
| Honda CBR 500 R (MY 2012) | | |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/a44wiUhKY |
| Air funnels | It's allowed to shorten the original air funnel and / or remove the restrictions present in the original air funnels. | Not provide |
| Honda CBR 500 R (MY 2016) | | |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/a44wiUhKY |
| Air funnels | It's allowed to shorten the original air funnel. | Not provided |
| Throttle body | It's allowed to remove the mechanical lock of the throttle control on the throttle body or, alternatively, use the throttle body of the MY 2012. | Not provided |
| Kawasaki Ninja 300 | | |
| Rear sub frame | It's allowed to modify the rear sub frame as indicated in the technical drawing (aluminium allowed). | https://storage.federmoto.it:5001/sharing/FFR9ibFTs |
| Rear linkage | The rear suspension tie rod is free. | Not provided |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/yDsVoGxTI |
| Crankshaft | Balancing is allowed. | Not provided |
| Balance shaft | It's allowed to remove the balance shaft. | Not provided |
| Oil line | It's allowed to modify the oil line inside the engine. | Not provided |
| Transmission | The original sixth gear ratio (24/28) can be replaced with the gear ratio 25/27. | Not provided |
| Kawasaki Ninja 400 | | |
| Air restrictor | One of the two air restrictor, indicated in the technical drawings, must be fitted between the cylinder head and inlet manifold. | https://storage.federmoto.it:5001/sharing/QAD2aQEJH |
| KTM RC 390 (2015 e 2016) | | |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/VlcGPb3hm |
| Upper fork clamp | The upper fork clam is free. | Not provided |
| Front suspension | It's allowed to replace the original fork with the adjustable WP fork supplied with the CUP version. | Not provided |
| Front brake disk | It's allowed to modify the front brake system fitting a front brake disc (ø320mm) and interposing the spacers between the brake caliper and the fork. | Not provided |
| KTM RC 390 (2017) e RC 390 R | | |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/dX30EnH3N |
| Yamaha YZF R3 All models | | |
| Air box | It's allowed to modify the air box as indicated in the technical drawing. | https://storage.federmoto.it:5001/sharing/vBXldRwKz |
| Air funnels | It's allowed to shorten the original air funnels and eventually to install the inserts included in the R3 F.I.M. kit (code B7P-E3750-RC-00) *. | Not provided |
| Camshaft | It's allowed to use the intake camshaft (code B7P-E2170-RC-00), the exhaust camshaft (code B7P-E2180-RC-00) and the plates of the intake valve springs (code B7P-E2126-RC-00) included in the R3 FIM kit (code B7P-RACE3-19-00) *. | Not provided |
| Piston | It's allowed to fit the pistons (code B7P-E1631-RC-00) included in the R3 FIM kit (code B7P-RACE3-19-00) *. | Not provided |

*In addition to the components mentioned, the R3 FIM kit also includes the camshaft sprockets, the cylinder head gasket and the cylinder base gasket.