



Federazione  
Motociclistica  
Italiana



**WOMEN'S**  
EUROPEAN CUP



Bulletin No. 1

Pag. 01/02

# DAWEC-21

Rel.001

FIM Europe reserves the right to modify the contents of this document at any time (even during the season). In case of changes made during the season they will be indicated in red in a new release. The information contained in this document get into force on 01/03/2021.

## 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 <a href="https://www.aim-sportline.com/">https://www.aim-sportline.com/</a> REFERENT Fabio Geraci <a href="mailto:fabio.geraci@aim-sportline.com">fabio.geraci@aim-sportline.com</a>	
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
<b>Honda CBR 500 R (MY 2012)</b>		
Air box	It's allowed to modify the air box as indicated in the technical drawing.	<a href="https://storage.federmoto.it:5001/sharing/a44wjUhKY">https://storage.federmoto.it:5001/sharing/a44wjUhKY</a>
Air funnels	It's allowed to shorten the original air funnel and / or remove the restrictions present in the original air funnels.	Not provided
Cylinder gaskets	Head and base gaskets are free	Not provided
<b>Honda CBR 500 R (MY 2016)</b>		
Air box	It's allowed to modify the air box as indicated in the technical drawing.	<a href="https://storage.federmoto.it:5001/sharing/a44wjUhKY">https://storage.federmoto.it:5001/sharing/a44wjUhKY</a>
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
Cylinder gaskets	Head and base gaskets are free	Not provided
<b>Kawasaki Ninja 300</b>		
Rear sub frame	It's allowed to modify the rear sub frame as indicated in the technical drawing (aluminium allowed).	<a href="https://storage.federmoto.it:5001/sharing/FFR9ibFTs">https://storage.federmoto.it:5001/sharing/FFR9ibFTs</a>
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.	<a href="https://storage.federmoto.it:5001/sharing/yDsVoGxTI">https://storage.federmoto.it:5001/sharing/yDsVoGxTI</a>
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
Cylinder gaskets	Head and base gaskets are free	Not provided
<b>Kawasaki Ninja 400</b>		
Air restrictor	One of the two air restrictor, indicated in the technical drawings, must be fitted between the cylinder head and inlet manifold.	<a href="https://storage.federmoto.it:5001/sharing/QAD2aQEJH">https://storage.federmoto.it:5001/sharing/QAD2aQEJH</a>
<b>KTM RC 390 (2015 e 2016)</b>		
Air box	It's allowed to modify the air box as indicated in the technical drawing.	<a href="https://storage.federmoto.it:5001/sharing/vIcGPb3hm">https://storage.federmoto.it:5001/sharing/vIcGPb3hm</a>
Upper fork bridge	The upper fork bridge 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
Cylinder gaskets	Head and base gaskets are free	Not provided
<b>KTM RC 390 (2017) e RC 390 R</b>		
Air box	It's allowed to modify the air box as indicated in the technical drawing.	<a href="https://storage.federmoto.it:5001/sharing/dX30EnH3N">https://storage.federmoto.it:5001/sharing/dX30EnH3N</a>
Cylinder gaskets	Head and base gaskets are free	Not provided
<b>Yamaha YZF R3 All models</b>		
Air box	It's allowed to modify the air box as indicated in the technical drawing.	<a href="https://storage.federmoto.it:5001/sharing/vBXldRwKz">https://storage.federmoto.it:5001/sharing/vBXldRwKz</a>
Air funnels	It's allowed to shorten the original air funnels and eventually to install the inserts included in the R3 FIM 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 intake valve spring retainers (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
Cylinder gaskets	Head and base gaskets are free	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.