



CERTIFIKAT O ECE-HOMOLOGACIJI
ECE COMPONENT TYPE-APPROVAL CERTIFICATE

Sporočilo o podeljeni homologaciji za tip vozila glede na tip nadomestnega sistema za dušenje zvoka NORESS ali sestavnega dela v skladu s Pravilnikom št. 92 R, Amandma 02, Dodatek 00

Communication concerning approval granted of a vehicle type with regard to a type of NORESS or component thereof pursuant to Regulation No. 92 R, Amendment 02, Supplement 00

Homologacijska št.: **E26 92 R 02/00 8209**
Approval No.:

Razširitev št.: **00**
Extension No.:

- | | |
|--|--|
| 1. Blagovno ime ali znamka motocikla:
<i>Trade name or mark of the motorcycle:</i> | KTM |
| 2. Tip motocikla:
<i>Motorcycle type:</i> | KTM Super Duke
(e1*168/2013*00185*) |
| 3. Ime in naslov proizvajalca:
<i>Manufacturer's name and address:</i> | KTM (A) |
| 4. Če pride v poštev, ime in naslov predstavnika proizvajalca:
<i>If applicable, name and address of manufacturer's representative:</i> | / |
| 5. Motor
<i>Engine</i> | |
| 5.1. Proizvajalec:
<i>Manufacturer:</i> | KTM (A) |
| 5.2. Tip:
<i>Type:</i> | glej poročilo o preskusu
<i>see the test report</i> |
| 5.3. Model:
<i>Model:</i> | / |
| 5.4. Največja nazivna moč:
<i>Rated maximum net power:</i> | 140
10000 |
| 5.5. Vrsta motorja:
<i>Kind of engine:</i> | na prisilni vžig
<i>positive-ignition</i> |
| 5.6. Način delovanja: | štiritaktni |

	<i>Cycles:</i>	<i>four-stroke</i>
5.7.	Prostornina valja: <i>Cylinder capacity:</i>	1350 cm ³
6.	Menjalnik <i>Transmission</i>	
6.1.	Vrsta menjalnika: <i>Type of transmission:</i>	ročni menjalnik <i>manual transmission</i>
6.2.	Število prestav: <i>Number of gears:</i>	6 prestav <i>6 gears</i>
7.	Oprema <i>Equipment</i>	
7.1.	Dušilnik zvoka <i>Exhaust silencer</i>	
7.1.1.	Proizvajalec ali pooblaščen zastopnik (če obstaja): <i>Manufacturer or authorized representative (if any):</i>	AKRAPOVIC D.D. MALO HUDO 8A 1295 IVANCNA GORICA Slovenia
7.1.2.	Model: <i>Model:</i>	/
7.1.3.	Tip: <i>Type:</i>	M-HJHJI002
	v skladu s številko risbe: <i>in accordance with drawing No.:</i>	M-HJHJI002_HOM_Muffler
7.2.	Dušilnik zvoka na sesalni strani <i>Intake silencer</i>	originalen <i>original</i>
7.2.1.	Proizvajalec ali pooblaščen zastopnik (če obstaja): MALO HUDO 8A 1295 IVANCNA GORICA Slovenia <i>Manufacturer or authorized representative (if any):</i>	AKRAPOVIC D.D.
7.2.2.	Model: <i>Model:</i>	/
7.2.3.	Tip: <i>Type:</i>	/
	v skladu s številko risbe: <i>in accordance with drawing No.:</i>	/
8.	Uporabljene prestave za izvajanje meritev v vožnji: <i>Gears used for test of motor cycle in motion:</i>	glej poročilo o preskusu <i>see the test report</i>
9.	Končno prestavno razmerje(a): <i>Final drive ratio(s):</i>	1,900 / 2,235

10. ECE homologacijska številka pnevmatik(e): <i>ECE type approval number of tyre(s):</i>	ni navedeno <i>no specification</i>
Če ni na voljo, navesti naslednje podatke: <i>If not available, the following information shall be provided:</i>	
10.1. Proizvajalec pnevmatik: <i>Tyre manufacturer:</i>	1. os: Michelin, 2. os: Michelin <i>1st axle: Michelin, 2nd axle: Michelin</i>
10.2. Trgovska oznaka(e) tipa pnevmatik (po oseh), (npr: tovarniška oznaka, hitrostni razred in razred nosilnosti): <i>Commercial description(s) of the type of tyre (by axle), (e.g. trade name, speed index, load index):</i>	1. os: Power GP Hitrostni razred: W, Razred nosilnosti: 58 2. os: Power GP Hitrostni razred: W, Razred nosilnosti: 78 <i>1st axle: Power GP Speed index: W, Load index: 58 2nd axle: Power GP Speed index: W, Load index: 78</i>
10.3. Velikost pnevmatik (po oseh): <i>Tyre size (by axle):</i>	1. os: 120/70 ZR17 2. os: 200/55 ZR17 <i>1st axle: 120/70 ZR17 2nd axle: 200/55 ZR17</i>
10.4. Druge homologacijske številke (če so na voljo): <i>Other type approval number (if available):</i>	/
11. Mase <i>Masses</i>	
11.1. Največja tehnično dovoljena masa: <i>Maximum permissible gross weight:</i>	425 kg
11.2. Testna masa: <i>Test mass:</i>	283 kg
11.3. Indeks razmerja moči in mase (PMR): <i>Power to mass ratio index (PMR):</i>	487,8
12. Dolžina vozila: <i>Vehicle length:</i>	2,16 m
12.1. Referenčna dolžina l_{ref} : <i>Reference length l_{ref}:</i>	2,16 m
13. Hitrost vozila pri meritvah v prstavi (i) <i>Vehicle speeds of measurements in gear (i)</i>	
13.1. Hitrost vozila na začetku pospeševalnega cikla (povprečje 3 pospeševanj) za prestavo (i): <i>Vehicle speed at the beginning of the period of acceleration (average of 3 runs) for gear (i):</i>	glej poročilo o preskusu <i>see the test report</i>
13.2. Dolžina pred začetkom pospeševanja za prestavo (i): <i>Pre-acceleration length for gear (i):</i>	0

- 13.3. Hitrost vozila v_{PP} (povprečje 3 pospeševanj)
za prestavo (i):
Vehicle speed v_{PP} (average of 3 runs)
for gear (i): glej poročilo o preskusu
see the test report
- 13.4. Hitrost vozila v_{BB} (povprečje 3 pospeševanj)
za prestavo (i):
Vehicle speed v_{BB} (average of 3 runs)
for gear (i): glej poročilo o preskusu
see the test report
14. Hitrosti vozila pri meritvah v prestavi (i+1) (če pride v poštev)
Vehicle speeds of measurements in gear (i+1) (if applicable)
- 14.1. Hitrost vozila na začetku pospeševalnega cikla
(povprečje 3 pospeševanj) za prestavo (i+1):
Vehicle speed at the beginning of the period of
acceleration (average of 3 runs) for gear (i+1): glej poročilo o preskusu
see the test report
- 14.2. Dolžina pred začetkom pospeševanja za prestavo (i+1):
Pre-acceleration length for gear (i+1): glej poročilo o preskusu
see the test report
- 14.3. Hitrost vozila v_{PP} (povprečje 3 pospeševanj)
za prestavo (i+1):
Vehicle speed v_{PP} (average of 3 runs)
for gear (i+1): glej poročilo o preskusu
see the test report
- 14.4. Hitrost vozila v_{BB} (povprečje 3 pospeševanj)
za prestavo (i+1):
Vehicle speed v_{BB} (average of 3 runs)
for gear (i+1): glej poročilo o preskusu
see the test report
15. Pospeški so izračunani med linijami AA' in BB'/PP' in BB'
Accelerations are calculated between lines AA' and BB'/PP' and BB'
- 15.1. Opis delovanja naprav za stabilizacijo
pospeševanja (če pride v poštev):
Description of functionality of devices used to
stabilize the acceleration (if applicable): glej poročilo o preskusu
see the test report
16. Ravni hrupa v vožnji
Noise levels of moving vehicle
- 16.1. Rezultati merjenja pri polnem plinu L_{wot} :
Wide-open-throttle test result L_{wot} : glej poročilo o preskusu
see the test report
- 16.2. Rezultati merjenja v vožnji L_{crs} :
Constant speed test results L_{crs} : glej poročilo o preskusu
see the test report
- 16.3. Delni faktor moči k_p :
Partial power factor k_p : glej poročilo o preskusu
see the test report
- 16.4. Končni rezultat merjenja L_{urban} :
Final test result L_{urban} : glej poročilo o preskusu
see the test report

17. Raven hrupa v mirovanju
Noise level of stationary vehicle
- 17.1. Pozicija in smer mikrofona
(skladno z dodatkom 2, Priloga 3,
pravilnika ECE 41 R, amandma 04):
*Position and orientation of microphone
(according to Appendix 2 of Annex 3 of 04
series of regulation No. 41):*
- 17.2. Rezultat merjenja v mirovanju:
Test result for stationary test:
18. Dodatne določbe za emisije hrupa:
Additional sound emission provisions:
19. Referenčna skladnost podatkov v uporabi
In-use compliance reference data
- 19.1. Za meritev izbrana prestava (i) ali,
izbrana lega izbirnika prestave,
pri vozilih z varibalnim menjalnikom:
*Gear (i) or, for vehicles tested with non-locked
gear ratios, the position of the gear selector chosen
for the test:*
- 19.2. Dolžina pred začetkom pospeševanja l_{PA} :
Pre-acceleration length l_{PA} :
- 19.3. Hitrost vozila na začetku pospeševalnega cikla
(povprečje 3 pospeševanj) za prestavo (i):
*Vehicle speed at the beginning of the period
of acceleration (average of 3 runs) for gear (i):*
- 19.4. Raven zvočnega tlaka $L_{wot(i)}$:
Sound pressure level $L_{wot(i)}$:
20. Datum predložitve vozila v postopek homologacije:
Date of submission of vehicle for approval:
- glej točko 3.5.3. poročila o preskusu
23-00042-CM-GBM-00
- see point 3.5.3. of the test report
23-00042-CM-GBM-00
- glej poročilo o preskusu
see the test report
- glej točko 3.5.3. poročila o preskusu
23-00042-CM-GBM-00 in
priložene risbe
see point 3.5.3. of the test report
23-00042-CM-GBM-00 and
attached drawings
- glej poročilo o preskusu
see the test report
- 0 m
- glej poročilo o preskusu
see the test report
- glej poročilo o preskusu
see the test report
- 26.10.2023

21. Tehnična služba odgovorna za homologacijske preskuse:
Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München
Germany
22. Datum poročila o preskusu, ki ga je izdala ta služba:
Date of test report issued by that Service: 29.11.2023
23. Številka poročila o preskusu, ki ga je izdala ta služba:
Number of test report issued by that Service: 23-00042-CM-GBM-00
24. Homologacija:
Approval: **podeljena**
granted
25. Mesto homologacijske oznake na vozilu:
Position of approval mark on the vehicle: vgravirano z laserjem / tablica
pritrjena s kovicami
engraved by laser / plate fixed with rivets
26. Kraj:
Place: 1000 LJUBLJANA
27. Datum:
Date: 07.12.2023
28. Podpis:
Signature: mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila
29. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E8209 Rev.00
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request:
see index to information package No E8209 Rev.00

**TOMAŽ
SVETINA** Digitalno podpisal
TOMAŽ SVETINA
Datum:
2024.01.05
13:50:15 +01'00'

Ta homologacija se uporablja za tip serijsko izdelanih neoriginalnih nadomestnih sistemov za dušenje zvoka (RESS) ali njegovih sestavnih delov pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Pravilnika št. 92R, Amandma 02, Dodatek 00, "Enotni pogoji za homologiranje neoriginalnih nadomestnih sistemov za dušenje zvoka (RESS) za motorna kolesa, mopede in trikolesna vozila".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak sestavni del neoriginalnega nadomestnega sistema za dušenje zvoka, vendar ne deli in cevi za vgradnjo, mora biti čitljivo in trajno označen z:

- znamko (tovarniškim imenom ali oznako proizvajalca),
- trgovskim imenom,
- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:



Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam Pravilnika št. 92 R.02.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Mesto homologacijske oznake mora biti izbrano tako, da je oznaka jasno čitljiva tudi po vgradnji v vozilo.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapiske nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.

Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presoje skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.

07.12.2023

mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

This Approval shall apply to a type of non-original replacement exhaust silencing systems (RESS) or its components from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 92 R, Amendment 02, Supplement 00 "Uniform provisions concerning the approval of non-original replacement exhaust silencing systems (RESS) for motorcycles, mopeds and three-wheeled vehicles".

The attached test report and drawings shall be a constituent part of this Approval.

Each component of the nonoriginal replacement exhaust silencing system, excluding pipes and fitting accessories, shall be marked with a readable and durable:

- *make (trade name or mark of manufacturer),*
- *commercial name,*
- *approval marking.*

This type of product shall be allotted the following approval marking:



The design and size of the approval marking shall meet the requirements of the Regulation No. 92 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Location of the approval marking shall be selected in such way that the marking is clearly readable even when installed on a vehicle.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.

Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.

In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.

The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

07.12.2023

Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department

**SLOVENIAN TRAFFIC SAFETY AGENCY,
KOTNIKOVA ULICA 19a,
1000 LJUBLJANA,
SLOVENIA**

We, Akrapovič d.d., Malo Hudo 8a. 1295 Ivančna Gorica, Slovenia hereby ask STSA to grant approval against **ECE-R92 02** for the following product:
Exhaust system for Motorcycles:

Type: **M-HJHJI002**

Version: **M-HJHJI002 05T (Ti / Ti / Ca)**

Manufacturer: **Akrapovič d.d.
Malo Hudo 8a
1295 Ivančna Gorica
Slovenia**

We declare that we have not applied to any other Approval Authority in the EU Member States for this approval.

We have requested **TÜV SÜD Auto Service GmbH**, to carry out all testing required by the directive and/or regulation that the approval is sought against and to present the entire documentation for the approval.

Yours sincerely,

Akrapovič d.d.
Davorin Dobočnik, CEO

Date: 12.10.2023



**JAVNA AGENCIJA
REPUBLIKE SLOVENIJE
ZA VARNOST PROMETA**

Sektor za vozila

Kotnikova 19a
1000 Ljubljana
Slovenija
telefon: 01 400 84 30
telefaks: 01 400 84 17
<http://www.avp-rs.si>

Številka: 37141-050/2023/02

Datum: 13.11.2023

AKRAPOVIČ D.D.
REGULATORY DEPARTMENT
g./ga. MARKO ŠTAMCAR
MALO HUDO 8A

Zadeva: Rezervacija homologacijske številke

Spoštovani!

Sporočamo Vam rezervirano homologacijsko številko za:

Znamka: AKRAPOVIČ
Tip: M-HJHJI002
Opis: NADOMESTNI GLUŠNIKI ZA MOTOCIKLE (RESS)
Direktiva / pravilnik: 92 R 02 - Nadomestni glušniki za motocikle, mopede in trikolesna vozila

REZERVACIJA: 92 R 02 8209*00

PRI ORIGINALNI VLOGI OBVEZNO NAVESTI, DA GRE ZA DOPOLNITEV VLOGE: 37141-050/2023/02

Lep pozdrav!

Poslano:
- AKRAPOVIČ D.D.

PRÜFBERICHT TEST REPORT

Nr. / no. 23-00042-CM-GBM-00

über die Prüfung einer Nicht-Originalauspuffanlage oder
von Einzelteilen hiervon als Technische Einheit für Krafträder gemäß
ECE-R 92, Änderungsserie 02
Einheitliche Bedingungen für die Genehmigung von nicht-originalen Austausch-
Schalldämpferanlagen für Krafträder, Mopeds und Dreiradfahrzeuge. /

*about a test of a non-original exhaust system or a component
as a separate technical unit for motorcycles according to
ECE-R 92, 02 series of amendments*


*Uniform provisions concerning the approval of non-original replacement exhaust silencing
systems (NORESS) for motorcycles, mopeds, and three-wheeled vehicles.*

Genehmigungsstand / Approval status	
<input checked="" type="checkbox"/>	Erteilung einer Typgenehmigung <i>Granting of a type approval</i> E26 92R-02 8209*00
<input type="checkbox"/>	Nachtrag/Änderung zur Typgenehmigung Nr. <i>Extension/correction to type approval no.</i>

Gründe der Erweiterung / Reasons for extension

Es wird geändert /
It will be changed: -

Es wird aktualisiert /
It will be updated: -

 Digitalno podpisal
JOŽE TRŠELIČ
Datum: 2023.12.20
14:25:42 +01'00'

0. Allgemeine Angaben / General information

- 0.1. Fabrikmarke / Make: AKRAPOVIČ
0.2. Typ / Type: M-HJHJI002
0.2.1. Ausführungen / Variants:

Ausführungen / Variants	Material / Material		
	Rohre / Tubes	Außenmantel / Sleeve	Endkappe / End cap
M-HJHJI002 05T	Titan / Titanium	Titan / Titanium	Karbon / Carbon

Die Ausführungen unterscheiden sich in der Verwendung verschiedener Werkstoffe. Der konstruktive Aufbau ist gleich. Das akustische Verhalten ist als gleichwertig zu betrachten. /

The variants vary because different materials are used. The basic construction remains the same. The acoustic behaviour is to be regarded as equivalent.

- 0.3. Name und Anschrift des Herstellers /
Name and address of manufacturer: Akrapovič d.d.
Malo Hudo 8a
SLO-1295 Ivančna Gorica
- 0.4. Name und Anschrift des Beauftragten /
Name and address of authorized agent: entfällt / n.a.
- 0.5. Nr. des Beschreibungsbogens /
No. of information document: M-HJHJI002
Ausgabedatum / *Date:* 29.11.2023
- 1.0.** Klasse der Fahrzeuge für, die die
Anlage bestimmt ist /
Class of the vehicles the unit is used for: L3e
- 1.1. Beschreibung der Fahrzeuge für
die, die Einrichtung bestimmt ist /
*Description of the vehicles
the unit is used for:* siehe Anlage 2 / see enclosure 2

2. Angaben zum Prüfobjekt / Composition of the separate technical unit

- 2.1. Art der Technischen Einheit / *Kind of technical unit:*
Technische Einheit, bestehend aus einem Schalldämpfer nach Zeichnung Nr. 287293_HOM, oval 126,8 x 181,8 x 351,6 mm, Absorptionsprinzip mit Eintritts- und Austrittsrohren gem. Anlage 1. /
Technical unit, consisting of a silencer according to drawing no. 287293_HOM, oval 126,8 x 181,8 x 351,6 mm, absorption-principle with inlet and outlet pipes according to enclosure 1.
- 2.2. Ort der Kennzeichnung /
Place of marking: Lasergravur, Typschild aufgenietet /
Engraved by laser, plate fixed with rivets
- 2.3. Zusammenstellung der techn. Einheit /
Composition of the separate technical unit: siehe Anlage 1 / *see enclosure 1*
- 2.4. Lage und Richtung der Auspuffmündung /
Position and direction of the tail pipe: rechts seitlich nach hinten /
right side to the rear

3. Prüfprotokoll / Test report

Die Prüfungen wurden in 1 Versuchsreihe A mit folgendem Fahrzeug durchgeführt. /
The tests were carried out in 1 series A with following vehicle:

Versuchsreihe A / Series A: (Ifd. Nr. / no. 1, Messdatum / Date 26.10.2023)

3.1. Fahrzeug / Vehicle

- 3.1.1. Typ / Type: KTM Super Duke
3.1.1.1 Variante / Version / *Variant / Version:* D / -
3.1.1.2 Fahrzeugkategorie / *Category:* L3e-A3
3.1.1.3 Handelsbezeichnung / *Model:* KTM 1390 Super Duke R
- 3.1.2. Hersteller / *Manufacturer:* KTM (A)
3.1.3. Genehmigungs-Nr. / *Homologation no.:* e1*168/2013*00185
3.1.3.1 Nachtrag bzw. Erweiterung / *Extension:* 04
- 3.1.4. Fahrzeugidentifizierungsnummer /
Vehicle identification no.: VBKV39P38RM967767
- 3.1.5. Baujahr / *Year of manufacture:* 2023
- 3.1.6. Km-Stand / *Kilometers:* 2707
- 3.1.7. Zul. Gesamtgewicht / *Total weight:* 425 kg

3. **Prüfprotokoll** (Fortsetzung) / **Test report** (continuation)

3.2. **Antriebsmaschine / Engine**

- 3.2.1. Hersteller / *Manufacturer:* KTM
- 3.2.2. Typ / *Type:* A600
- 3.2.3. Hubraum / *Engine capacity:* 1350 cm³
- 3.2.4. Höchstleistung / *Max. net power:* 140 kW bei / *at* 10000 min⁻¹
- 3.2.5. Max. Drehmoment / *Max. net torque:* 145 Nm bei / *at* 8000 min⁻¹

3.3. **Kraftübertragung / Transmission**

- 3.3.1. Art der Kraftübertragung /
Kind of transmission: mechanisch / *mechanical*
- 3.3.2. Getriebe / *Gearbox:* 6-Gang-manuell / *6-gear-manual*
- 3.3.3. Übersetzungsverhältnisse /
Transmission ratios
primär / *primary* / sekundär / *secondary:* 1,900 / 2,235
- Höchstgeschwindigkeit / *Top speed:* 270 km/h
- Reifen / *Tires:* Michelin Power GP
vorne / *front:* 120/70 ZR17 58W
hinten / *rear:* 200/55 ZR17 78W

3.4. **Zusammenbau der Auspuffanlage / Assembly of the exhaust system** (Teile lfd. Nr. lt. Anlage 1 / *no. of parts acc. enclosure 1*)

Versuchsreihe A / *Series A:* 1)2a)

3.5. **Messung der Geräuschwerte / Acoustic measurements**

- 3.5.1. Hersteller des Messgerätes /
Manufacturer of test equipment: MÜLLER-BBM
- 3.5.2. Typ des Messgerätes /
Type of the test equipment: PAK MK II Configuration
- 3.5.3. Fahrgeräusch, Standgeräusch /
Drive by noise, stationary noise: nach ECE-R 41.05 /
according ECE-R 41.05

3. Prüfprotokoll (Fortsetzung) / Test report (continuation)

3.5.4. Beladungszustand bei der Fahrgeräuschmessung /
Load condition during drive by test: Leergewicht zuzüglich 75 kg Fahrer /
Unloaded weight plus 75 kg driver

3.5.5. Abweichung bei Kalibrierung /
Deviation at calibration: < 0.2 dB(A)

3.6. Messung der Leistung / *Power measurement*

3.6.1. Messung der Leistungskurve mit Nicht-Originalauspuffanlage /
Testing of max. power with non-original exhaust system:

Die gemessene Nennleistung und die zugehörige Drehzahl liegen im Toleranzbereich von 5% im Vergleich zu den mit der Originalauspuffanlage gemessenen Werten (siehe Anlage). /

The tested max. power and the engine speed is in the 5% tolerance in comparison with the original exhaust system (see enclosure).

3.6.2. Messung der Höchstgeschwindigkeit mit Nicht-Originalauspuffanlage /
Testing of top speed with non-original exhaust system:

entfällt, da Fahrzeugklasse /
not applicable, because vehicle class: L3e

3.7. Konditionierung der Auspuffschalldämpferanlage / *Conditioning of silencer system*

durch Druckschwingungen / *by pulsation*

Es liegt ein Konditioniernachweis vor, Anhang 3 der ECE-R 92 kann als erfüllt betrachtet werden. /

A conditioning certificate is available, Annex 3 of ECE-R 92 can be regarded as fulfilled.

3. **Prüfprotokoll** (Fortsetzung) / **Test report** (continuation)

3.8. **Ergebnisse / Test results**

Die Ergebnisse der Prüfungen hinsichtlich / *The test results of*

- 3.8.1. Geräuschmessung / *Noise testing*
- 3.8.2. Leistungsmessung / *Power measurement*

sind der als Anlage beigefügten Tabellen zu entnehmen. /
are attached in the enclosures.

Aufgrund der durchgeführten Messungen mit Original- und Nicht-Original-Auspuffanlage können die Punkte 6.2 bis 6.5 der ECE-R 92 als erfüllt betrachtet werden. /

The results of the tests with the original and non-original exhaust system show that item 6.2 to 6.5 of the directive ECE-R 92 is fulfilled.

- 3.8.3. Die beschriebene Nicht-Originalauspuffanlage / Technische Einheit darf an den in der Anlage 2 aufgeführten Kraftfahrzeugen unter den dort genannten Bedingungen verwendet werden. /
The described non-original exhaust system / technical unit is suitable for an application at the vehicles listed in enclosure 2.
- 3.8.4. Die allgemeinen Spezifikationen gemäß Punkt 6.1 der ECE-R 92 wurden überprüft und werden durch die Nicht-Originalauspuffanlage / technische Einheit erfüllt. /
The general specifications concerning item 6.1 of the directive ECE-R 92 were checked and are fulfilled.

4. **Anlagen / Enclosures**

- Anlage 1, Teile der technischen Einheit (1 Seite / Page)
Enclosure 1, Composition of the separate technical unit
- Anlage 2, Verwendungsbereich (1 Seite / Page)
Enclosure 2, Field of application
- Anlage 3, Ergebnisse der Geräusch- und Leistungsmessungen (1 Seite / Page)
Enclosure 3, Results of noise testing and power measurements
- Anlage, Protokoll Geräuschmessung (M-HJHJI002) (13 Seiten / Pages)
Enclosure, Protocol noise test (M-HJHJI002)
- Anlage, Leistungskurve (KTM 1390 Super Duke) (1 Seite / Page)
Enclosure, Performance diagram (KTM 1390 Super Duke)

5. Schlussbescheinigung / Summary

Die erwähnte Beschreibungsbogen und der darin beschriebene Typ entsprechen der genannten Prüfgrundlage. Der ungünstigste Fall wurde entsprechend der Prozessbeschreibung "Anforderungen an Prüfberichte (AS-PB-T-02)" bestimmt.

Der Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut vervielfältigt und weitergegeben werden. Eine auszugsweise Vervielfältigung und Veröffentlichung des Prüfberichtes sind nur nach schriftlicher Genehmigung zulässig. /

The mentioned information document and the type described therein are in accordance with the test basis mentioned above. The worst-case was selected in accordance with document "Requirements for Test Reports (AS-PB-T-02)".

The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.

TÜV SÜD Auto Service GmbH ist benannt als Technischer Dienst durch /
TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Genehmigungsbehörde Approval authority	Land Country	Registriernummer Registration number
Kraftfahrt-Bundesamt (KBA)	Deutschland Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	Vereinigtes Königreich United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	Niederlande The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Irland Ireland	Technical Service Number: 49
Vehicle Safety Certification Center (VSCC)	Taiwan Taiwan	DE04-06-2
Société Nationale de Certification et d'Homologation s.à r.l. (SNCH)	Luxemburg Luxembourg	13/B(g)
Swedish Transport Agency	Schweden Sweden	TT 0024

Dieser Bericht umfasst Seite 1 bis 7. /
This test report contains the pages 1 up to 7.

München, 29.11.2023



F. Rinske (B. Eng.)
Sachverständiger / Recognized Expert

fr
M-HJHJI002_SLO_ECE_0.doc





Auto Service

Prüfbericht Nr. / Test report No.: 23-00042-CM-GBM-00
Hersteller / Manufacturer: Akrapovič, d.d., SLO-1295 Ivancna Gorica
Typ / Type: M-HJHJ002

ANLAGE 1 ENCLOSURE 1

Teile der technischen Einheit / Composition of the separate technical unit

Lfd. Nr. / No.	Einzelteile, Abmessungen in mm / Components parts, dimensions in mm	Abmessungen des Teiles in mm bzw. Originalteil / Ersatzteil / Dimensions of the part in mm or original part / replacement part	Teilenummer bzw. Genehmigungsnummer / Part no. or homologation no.
1)	Krümmerröhre mit Katalysator und Vorschalldämpfer / Header pipes with catalytic converter and pre-silencer	Originalteile / Original parts	-
2a)	Schalldämpfer / Silencer (Eintrittsrohr / Inlet pipe Ø 62,7 2 Austrittsrohre / Outlet pipes Ø 32)	oval / oval 126,8 x 181,8 x 351,6 lg	M-HJHJ002 e26*08209*G E26 92R-02 8209

M-HJHJ002_SLO_ECE_1.doc

Prüfbericht Nr. / Test report No.: 23-00042-CM-GBM-00
 Hersteller / Manufacturer: Akrapovič, d.d., SLO-1295 Ivancna Gorica
 Typ / Type: M-HJHJ002

ANLAGE 2 ENCLOSURE 2

Verwendungsbereich / Field of application

Die Fahrzeuge erfüllen – bezugnehmend auf ihre Fahrzeugtypgenehmigung - die Umwelthanforderungsstufen:
 The vehicles fulfill - regarding their Whole Vehicle Type Approval (WVTA) - the environmental steps:

Euro (5)
Euro (5)

Lfd. Nr. Fahrzeug / No. of vehicle	Hersteller / Manufacturer	Fabrikmarke / Trade mark	Handelsbezeichnung / Commercial description	Fahrzeugtyp (und Genehmigungsnummer) / Vehicle type (and no. of homologation)	Var. Vers. / Var. Vers.	Motortyp 4-Takt / Engine type 4-stroke	Hubraum in cm ³ / Engine capacity in cm ³	Nennleistung kW/min ⁻¹ / max. engine power kW/min ⁻¹	Sonstige bestimmende Merkmale / Additional remarks	Anordnung entspr. Anlage 1 lfd. Nr. / Composition as shown in enclosure no. 1
1) **)	KTM (A)	KTM	KTM 1390 Super Duke R	KTM Super Duke (e1*168/2013*00185*)	D / -	A600	1350	140/10000	mit Kat. / with cat. *)	1)2a)
2) **)			KTM 1390 Super Duke R Evo							

*) Der serienmäßige Katalysator bleibt unverändert im Abgassystem. Eine Verschlechterung des Abgasverhaltens ist nicht zu erwarten. / The original catalytic converter remains in the exhaust system. A degradation of catalyst efficiency is not expected.
 **) Ab Nachtrag 04 / From extension 04

M-HJHJ002_SLO_ECE_2.doc

Prüfbericht Nr. / Test report No.: 23-00042-CM-GBM-00
 Hersteller / Manufacturer: Akrapovič, d.d., SLO-1295 Ivancna Gorica
 Typ / Type: M-HJHJ002

ANLAGE 3 ENCLOSURE 3

Ergebnisse der Geräusch- und Leistungsmessungen / Results of noise testing and power measurements

Lfd. Nr. Fahrzeug	Leistung		Leistung Austausch kW/min ⁻¹	V _{max}		V _{max} Aus- tausch km/h	Fahrgeräusch in dB(A) / Sound level driving vehicle in dB(A)				Standgeräusch in dB(A) / Sound level stationary vehicle in dB(A)			
	Serie kW/min ⁻¹	Engine power original kW/min ⁻¹		Serie km/h	V _{max} original km/h		gemessen in Gang	Grenz- wert ¹⁾	Serie gemessen ²⁾	Austausch gemessen ²⁾	bei km/h	It. Fzg. BE	Serie gemessen	Austausch gemessen
No. of vehicle	Engine power original kW/min ⁻¹	Engine power non-original kW/min ⁻¹	V _{max} original km/h	V _{max} non original km/h	measured in gear ratio	Limit value ¹⁾	original measured ²⁾ L _{Urban}	non- original measured ²⁾ L _{Urban}	at km/h	Vehicle type hom.	original measured	non- original measured	at min ⁻¹	
1)	140/10000	140/10000	-	-	3 + 4	77	76,3	76,3	50	93	94	94	5000	

1) Grenzwert der Richtlinienfassung, die bei Erteilung der Fahrzeuggenehmigung Gültigkeit hatte. /
 Limit value of directive which was valid by vehicle type homologation.

2) Betriebsart / Operating mode: Performance

Anmerkungen / Remarks:

- Das Prüffahrzeug wurde zusätzlich in den weiteren Betriebsarten gemessen. /
 Test vehicle had been tested in additional driving modes.
- Die verschiedenen Betriebsarten haben keinen signifikanten Einfluss auf den Geräuschpegel und Beschleunigungsverhalten. /
 Different driving modes have no significant influence in sound pressure level and acceleration.

M-HJHJ002_SLO_ECE_3.doc

Information Document M-HJHJ002

relating to EU type-approval of a noise-abatement device as a STU

TÜV SÜD Auto Service Technical Report: 23-00042-CM-GBM-00

Item No.	(Sub) categories	Detailed information
B.		General information concerning systems, components, or separate technical units
0.7.	L1e — L7e	Make(s) (trade name(s) of manufacturer): AKRAPOVIC Exhaust System Technology
0.8.	L1e — L7e	Type: M-HJHJ002
0.8.1.	L1e — L7e	Commercial name(s) (if available): n.a.
0.8.2.	L1e — L7e	Type-approval number(s) (if available): E26 92R-02 8209*00
0.8.3.	L1e — L7e	Type-approval(s) issued on (date, if available): n.a.
0.9.	L1e — L7e	Company name and address of manufacturer: Akrapovic d.d. Malo Hudo 8a SLO-1295 Ivancna Gorica
0.9.1.	L1e — L7e	Name(s) and address(es) of assembly plants: Akrapovič, d.d. Malo Hudo 8a SLO-1295 Ivancna Gorica Akrapovič d.d., PE Ulica heroja Stariha 24 SLO-8340 Črnomelj
0.9.2.	L1e — L7e	Name and address of manufacturer's authorized representative, if any: n.a.
0.10.		Vehicle(s) for which the system/separate technical unit is intended for:
0.10.1.	L1e — L7e	Type: see Technical Report
0.10.2.	L1e — L7e	Variant: see Technical Report
0.10.3.	L1e — L7e	Version: see Technical Report
0.10.4.	L1e — L7e	Commercial name(s) (if available): see Technical Report
0.10.5.	L1e — L7e	Category, subcategory and sub-subcategory of vehicle: see Technical Report
C.		General information concerning vehicle, systems, components, or separate technical units
0.12.		Conformity of production
0.12.1.	L1e — L7e	Controlled by ISO 9001:2008 Quality Management System certified by TÜV SÜD Management Service GmbH Registration no.: 12 100/104 31148 TMS
1.		GENERAL CONSTRUCTION CHARACTERISTICS
1.8.		Propulsion unit performance
1.8.1.	L3e, L4e, L5e, L7e-A, L7e-B2	Declared maximum vehicle speed: km/h see Technical Report
1.8.2.	L1e, L2e, L6e, L7e-B1, L7e-C	Maximum design vehicle speed: and gear in which it is reached: n.a.
1.8.3.	L1e — L7e	Maximum net power combustion engine: . kW at . min ⁻¹ at A/F ratio: see Technical Report
1.8.4.	L1e — L7e	Maximum net torque combustion engine: . Nm at . min ⁻¹ at A/F ratio: see Technical Report
1.8.5.	L1e — L7e	Maximum continuous-rated power electric motor (15/30 minutes power): n.a.
1.8.6.	L1e — L7e	Maximum continuous-rated torque electric motor: Nm at min ⁻¹ n.a.
1.8.7.	L1e — L7e	Maximum continuous total power for propulsion(s): kW. at ... min ⁻¹ at A/F ratio: n.a.
1.8.8.	L1e — L7e	Maximum continuous total torque for propulsion(s): Nm at min ⁻¹ at A/F ratio: n.a.
1.8.9.	L1e — L7e	Maximum peak power for propulsion(s): kW at min ⁻¹ at A/F ratio: n.a.

4.		GENERAL INFORMATION ON ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE
4.0		General information on environmental and propulsion performance
4.0.1.	L1e — L7e	Environmental step: Euro (5)
4.0.2.	L1e — L7e	Fuel consumption: see WVTA
4.0.3.	L1e — L7e	CO ₂ emissions: see WVTA
4.0.4.	L1e — L7e	Energy consumption: n.a.
4.0.5.	L1e — L7e	Electric range: n.a.
4.0.6.		Sound level
4.0.6.1.	L1e — L7e	Limit value for L _{urban} : see Technical Report
4.4.	L1e — L7e	Additional information on environmental and propulsion unit performance
4.4.4.	L1e — L7e	All additional technical information according to UN Regulation No. 92, are mentioned in the Technical Report or shown in the attachments.

Anlage / Enclosure	Dokument-Nr. / Document no.	Datum / Date	Seiten / Pages
Zeichnung Gesamtanlage / Drawing exhaust system	KTM Super Duke 1390 R	-	1
Zeichnung(en) d. Bauteile d. zu genehmigenden techn. Einheit / Drawing(s) of parts of the separate techn. unit	287293_HOM	24.10.2023	1
Stückliste / Part list	M-HJHJI002	-	1
Einbauanleitung / Mounting instructions	KTM 1390 Superduke R	11/2023	12
ASEP Erklärung / ASEP Statement	-	14.11.2023	1



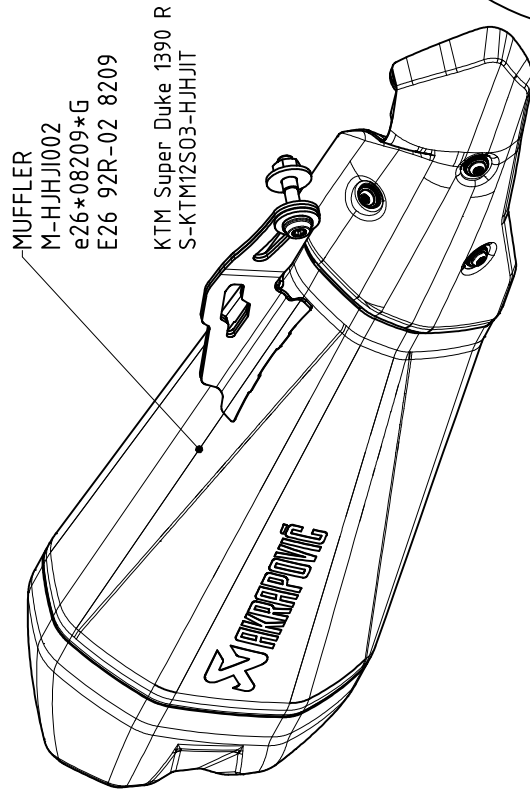
AKRAPONIC, d.d.
 ul. Matije Gupca, 1295 Ivančna Gorica,
 Slovenija
 Davorin Dobočnik, CEO

29.11.2023

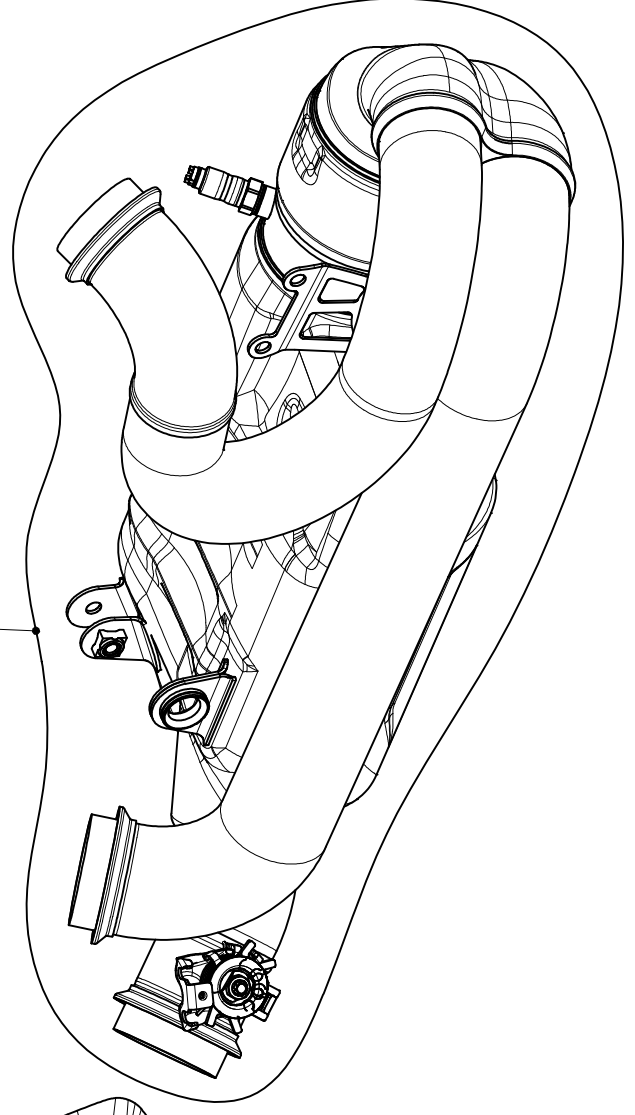
Partial exhaust system / Slip-ON line / EC / ECE Type approval

KTM SUPER DUKE 1390 R

Product code: S-KTM12SO3-HJHJIT



ORIGINAL PARTS
with catalytic converter



Statement of compliance with the Additional Sound Emission Provisions

This statement is required for non-original replacement exhaust silencing systems (NORESS) without multiple, manually or electronically adjustable, rider selectable operating modes or without variable geometries specified for the use on L3 Category vehicles that are type approved pursuant to the amendments to UN Regulation No.41 and are subject to the ASEP-requirements series of amendments to UN Regulation No.41.

Akrapovič d.d., Malo Hudo 8a, 1295 Ivančna Gorica, attests that the non-original replacement exhaust silencing systems of this type **M-HJHJI002, (E26 92R-02 8209)**, comply with the applicable ASEP requirements of UN Regulation No.41 during the type approval procedure and its production.

Akrapovič d.d., Malo Hudo 8a, 1295 Ivančna Gorica, makes this statement in good faith, after having performed an appropriate evaluation of the sound emission performance of the non-original replacement exhaust silencing system in accordance with the requirements of UN Regulation No.92 during the type approval procedure and its production.

Akrapovič d.d.
Davorin Dobočnik, CEO



Date: 14.11.2023



AKRAPOVIČ d.d.

Malo Hudo 8a, 1295 Ivančna Gorica