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STSA, Kotnikova ulica 19a, SI-1000 Ljubljana, tel.: +386 1 478 8430, vozila@avp-rs.si
37141-052/2020/08

POTRDILO O EU-HOMOLOGACIJI
EU TYPE-APPROVAL CERTIFICATE

Sporočilo o:
Communication concerning:

~~-EU homologaciji~~
~~- EU type approval~~
~~- razširitvi EU-homologacije~~
~~- extension of EU type approval~~
~~- zavrnitvi EU-homologacije~~
~~- refusal of EU type approval~~
~~- preklicu EU-homologacije~~
~~- withdrawal of EU type approval~~

samostojne tehnične enote: naprave za zmanjševanje hrupa
of a type of STU: noise-abatement device

glede na Priloge IX k Delegirani uredbi Komisije (EU) št. 134/2014, kakor je bila nazadnje spremenjena z Delegirano uredbo Komisije (EU) št. 2018/295
with regard to Annex(es) IX to Commission Delegated Regulation (EU) No 134/2014, as last amended by Commission Delegated Regulation (EU) No 2018/295

Številka EU-homologacije: **e26*134/2014*2018/295G*08144*01**
EU type approval number:

Razlog za razširitev:
Reason for extension:

razširitev področja uporabe
extended field of application

ODDELEK I
SECTION I

| | | |
|-------|---|---|
| 0.7 | Znamke (tovarniška imena proizvajalca): <i>Make(s) (trade name(s) of manufacturer)</i> | AKRAPOVIC |
| 0.8 | Tip: <i>Type:</i> | M-HR070 |
| 0.8.1 | Trgovska imena (če obstajajo): <i>Commercial name(s) (if available):</i> | / |
| 0.9 | Ime podjetja in naslov proizvajalca: <i>Company name and adress of manufacturer:</i> | AKRAPOVIC D.D. MALO HUDO 8A 1295 IVANCNA GORICA Slovenia |

-
- 0.9.1. Imena in naslovi proizvodnih tovarn:
Name(s) and address(es) of assembly plant(s): AKRAPOVIC D.D.
MALO HUDO 8A
1295 IVANCNA GORICA
Slovenia
- AKRAPOVIČ D.D., PE ČRNOMELJ
ULICA HEROJA STARIHA 24
8340 ČRNOMELJ
Slovenia
- 0.9.2. Ime in naslov zastopnika
proizvajalca (če obstaja):
*Name and address of manufacturer's
representative (if nay):* /
- 0.10. Pri samostojni tehnični enoti,
vozila, za katere je namenjena:
*In the case of seperate technical unit,
vehicle(s) for which is intended for:* KTM
- 0.10.1 Tip:
Type: glej poročilo o preskusu
see the test report
- 0.10.2 Variante:
Variant(s): vse
all
- 0.10.3 Izvedenke:
Version(s): vse
all
- 0.10.4 Trgovska imena (če obstajajo):
Commercial name(s) (if available): glej poročilo o preskusu
see the test report
- 0.10.5 Kategorija, podkategorija in
podpodkategorija vozila:
*Category, subcategory and
sub-subcategory of vehicle:* glej poročilo o preskusu
see the test report

ODDELEK II
SECTION II

1. Tehnična služba, pristojna za izvajanje preskusov:
Technical service responsible for carrying out the tests: TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München
Germany
2. Datum poročil o preskusu:
Date of test report(s): 08.12.2020
3. Številka poročil o preskusu:
Number of test report(s): 19-00081-CM-GBM-01
4. Opombe:
Remarks: glej Dodatek
see Addendum
- 4a. Homologacija je:
The approval is: **razširjena**
extended
- 4a.1. Homologacija se podeli na podlagi člena 40
Uredbe (EU) št. 168/2013, tako da je njena
veljavnost omejena do: ne pride v poštev
*The approval is granted in accordance with Article
40 of Regulation (EU) No 168/2013 and its
validity is thus limited to:* *not applicable*
5. ~~Omejitve veljavnosti:~~
~~*Restrictions of validity:*~~ /
6. ~~Uporabljene opustitve:~~
~~*Waivers applied:*~~ /
- Kraj:
Place: 1000 LJUBLJANA
- Datum:
Date: 07.01.2021
- Ime in podpis:
Name and signature: mag. Tomaž Svetina, univ. dipl. inž. str.
vodja sektorja za vozila



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. e08144 Rev.01

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 e08144 Rev.01

Dodatek k potrdilu o EU-homologaciji s številko EU-homologacije:
Addendum to the EU type-approval certificate with EU type-approval number:
e26*134/2014*2018/295G*08144*01

1. **Omejitve uporabe samostojne tehnične enote: naprave za zmanjševanje hrupa:**
Restriction of use of the STU: noise-abatement device:

glej prilogo 2 testnega poročila 19-00081-CM-GBM-01
see enclosure 2 of the test report 19-00081-CM-GBM-01

2. **Posebni pogoji za vgradnjo samostojne tehnične enote: naprave za zmanjševanje hrupa:**
Special conditions for the mounting of the STU: noise-abatement device:

glej proizvajalčeva navodila za vgradnjo
see manufacturer's instruction manual

3. **Opombe:**
Remarks:

/

Ta homologacija se uporablja za tip serijsko izdelanih neoriginalnih izpušnih sistemov za tip motornega kolesa ali njegovih sestavnih delov pod naslednjimi pogoji:

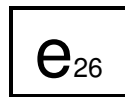
Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Uredbe (EU) št. 168/2013 in Priloge IX k Delegirani uredbi Komisije (EU) št. 134/2014, nazadnje spremenjene z Delegirano uredbo Komisije (EU) št. 2018/295, "Zahteve za preskus tipa IX: raven hrupa".

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

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

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

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:



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Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam Izvedbene uredbe Komisije (EU) št. 901/2014, nazadnje spremenjene z Izvedbeno uredbo Komisije (EU) št. 2018/295.

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

Oznaka EU-homologacije samostojne tehnične enote ali sestavnega dela mora biti na samostojni tehnični enoti ali sestavnem dele nameščena tako, da je neizbrisna (npr. odtisnjena, jedkana, lasersko vgravirana, samouničljiva nalepka), jasno berljiva in vidna na mestu, kjer se namesti na vozilo, ne da bi bilo treba kateri koli del odstraniti z orodjem.

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 presoj skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščenice 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.

07.01.2021



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

This Approval shall apply to non-original exhaust systems for a type of motorcycle or its components from serial production under the following conditions:

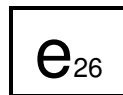
Individual products from serial production shall comply at least with all requirements set out in the Regulation (EU) No 168/2013 and Annex(es) IX to Commission Delegated Regulation (EU) No 134/2014, as last amended by Commission Delegated Regulation (EU) No 2018/295, "Test type IX requirements: sound level".

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

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

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

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



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The design and size of the approval marking shall meet the requirements of the Commission implementing Regulation (EU) No 901/2014, as last amended by Commission implementing Regulation (EU) No 2018/295.

Only products which comply with the approval documentation may bear the approval marking.

The EU separate technical unit or component type-approval mark shall be affixed to the separate technical unit or component in a way which is indelible (e.g. stamped, etched, laser-engraved, self-destructing adhesive label), clearly legible and visible in the place at which it is to be fitted to the vehicle without the need to remove any parts with the use of tools.

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.

07.01.2021




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



KAZALO OPISNE DOKUMENTACIJE e08144
INDEX TO THE INFORMATION PACKAGE e08144

Revision: 01

Homologacijska številka: **e26*134/2014*2018/295G*08144**
Approval number:

Razširitev številka: **01**
Extension number:

Zgodovina homologacije / Opisne dokumentacije:
Type approval / Information package history:

| Razširitev / Revizija: Extension / Revision: | Zadeva: Subject: | Datum izdaje: Date of issue: | Skupno št. strani: Total No. of pages: |
|---|---|---------------------------------|---|
| 00/00 | Odobritev homologacije Granting of type approval | 27.01.2020 | 31 |
| 01/01 | Razširitev homologacije Extension of type approval | 07.01.2021 | 11 |

Poročilo o preskusu: **19-00081-CM-GBM-01**
Test report:

Število strani: **7**
Number of pages:

datum izdaje: **08.12.2020**
date of issue:

datum zadnje spremembe: /
date of latest amendment:

Opisni list/Tehnični opis naprave: **M-HR070**
Information document/Technical description of the device:

Število strani: **2**
Number of pages:

datum izdaje: **08.12.2020**
date of issue:

datum zadnje spremembe: /
date of latest amendment:

Risba(e)¹:
Drawing(s)¹:

Število strani: **1**
Number of pages:

datum zadnje spremembe: /
date of latest amendment:

Navodila za vgradnjo in uporabo:
Mounting and handling instructions:

Število strani:
Number of pages:

datum zadnje spremembe: /
date of latest amendment:

Ostala dokumentacija:
Other documentation:

Število strani: **1**
Number of pages:



¹ kosovnice, slike, sheme in diagrami / ¹ bill of materials, pictures, schematics and diagrams

**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 **an extension** to an approval against **e26*134/2014*2018/295G*08144*00** for the following product:

Exhaust system for Motorcycles - muffler:

Type: **M-HR070**

Version: **M-HR070 05TBL (Ti / Ti / Ca)**
M-HR070 05CBL (Ti / Ca / Ca)
M-HR070 02TBL (SS / Ti / Ca)
M-HR070 02SSBL (SS / SS / Ca)
M-HR070 02CBL (SS / Ca / Ca)
M-HR070 05T (Ti / Ti / Ca)
M-HR070 05C (Ti / Ca / Ca)
M-HR070 02T (SS / Ti / Ca)
M-HR070 02SS (SS / SS / Ca)
M-HR070 02C (SS / Ca / Ca)
M-HR070 05TBL/1 (Ti / Ti / Ca)
M-HR070 05CBL/1 (Ti / Ca / Ca)
M-HR070 02TBL/1 (SS / Ti / Ca)
M-HR070 02SSBL/1 (SS / SS / Ca)
M-HR070 02CBL/1 (SS / Ca / Ca)
M-HR070 05T/1 (Ti / Ti / Ca)
M-HR070 05C/1 (Ti / Ca / Ca)
M-HR070 02T/1 (SS / Ti / Ca)
M-HR070 02SS/1 (SS / SS / Ca)
M-HR070 02C/1 (SS / Ca / 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.
Uroš Rosa, CEO

Date: 16.10.2020

Techn.Bericht Nr. / *Techn. Report No.*: 19-00081-CM-GBM-01
Hersteller / *Manufacturer*: Akrapovic, Malo Hudo 8a, 1295 Ivančna Gorica, Slovenia

Typ / *Type*: M-HR070

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PRÜFBERICHT TEST REPORT Nr. / *no.* 19-00081-CM-GBM-01

über die Prüfung zur Bauartgenehmigung einer Nicht-Originalauspuffanlage oder von Einzelteilen hiervon als selbstständige technische Einheit für Krafträder.

about a test regarding a component type-approval for non-original exhaust system or components thereof, as a technical unit for motorcycles

Verordnung / *Regulation* (EU) 134/2014 vom / *dated* 16.12.2013
zuletzt geändert / *last amended* (EU) 2018/295 vom / *dated* 15.12.2017
Kodierung / *Codification* G

zur Ergänzung der Verordnung (EU) Nr. 168/2013 des Europäischen Parlaments und des Rates.
supplementing Regulation (EU) 168/2013 of the European Parliament and the Council.

| Genehmigungsstand / <i>Approval status</i> | |
|--|---|
| <input type="checkbox"/> | Erteilung einer Typgenehmigung <i>Granting of a type approval</i> |
| <input checked="" type="checkbox"/> | Nachtrag/Änderung zur Typgenehmigung Nr. e26*134/2014*2018/295G*08144*00 <i>Extension/correction to type approval no.</i> |

Gründe der Erweiterung / *Reasons for extension*

Es wird geändert: -
It will be changed: -

Es wird aktualisiert: Der Verwendungsbereich
It will be updated: *The application list*



0. Allgemeine Angaben / *General information*

- 0.1. Fabrikmarke / *Make*: Akrapovic Exhaust System Technology
0.2. Typ / *Type*: M-HR070
0.2.1. Ausführungen / *Variants*

| Ausführungen / <i>Variants</i> | Material / <i>Material</i> | | |
|--------------------------------|-----------------------------|-----------------------------|---------------------------|
| | Rohre / <i>Tubes</i> | Außenmantel / <i>Sleeve</i> | Endkappe / <i>End cap</i> |
| M-HR070 05TBL | Titan / <i>Titanium</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 05CBL | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 02TBL | VA / <i>Stainless steel</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 02SSBL | VA / <i>Stainless steel</i> | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> |
| M-HR070 02CBL | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 05T | Titan / <i>Titanium</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 05C | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 02T | VA / <i>Stainless steel</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 02SS | VA / <i>Stainless steel</i> | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> |
| M-HR070 02C | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 05TBL/1 | Titan / <i>Titanium</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 05CBL/1 | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 02TBL/1 | VA / <i>Stainless steel</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 02SSBL/1 | VA / <i>Stainless steel</i> | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> |
| M-HR070 02CBL/1 | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 05T/1 | Titan / <i>Titanium</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 05C/1 | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |
| M-HR070 02T/1 | VA / <i>Stainless steel</i> | Titan / <i>Titanium</i> | Karbon / <i>Carbon</i> |
| M-HR070 02SS/1 | VA / <i>Stainless steel</i> | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> |
| M-HR070 02C/1 | VA / <i>Stainless steel</i> | Karbon / <i>Carbon</i> | Karbon / <i>Carbon</i> |

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

The variants vary because different materials are used. The basic construction remains the same. The acoustic behaviour is similar.



Techn.Bericht Nr. / *Techn. Report No.*: 19-00081-CM-GBM-01
Hersteller / *Manufacturer*: Akrapovic, Malo Hudo 8a, 1295 Ivančna Gorica, Slovenia

Typ / *Type*: M-HR070 Seite / *Page* 3/5

- 0.3. Name und Anschrift des Herstellers /
Name and address of manufacturer: Akrapovic d.d.
Malo Hudo 8a
1295 Ivančna Gorica
Slovenia
- 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-HR070
Ausgabedatum / *Date*: 08.12.2020
- 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 / *notice enclosure 2*

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

- 2.1. Art der Technischen Einheit:
Kind of technical unit: Siehe Anlage Technische Dokumentation
See Enclosure, Technical documentation
- 2.2. Ort der Kennzeichnung/
Place of marking: Lasergravur auf Endkappe / Typschild aufgenietet
Engraved by laser / plate fixed with rivets
- 2.3. Zusammenbau Anlage bei der Prüfung/
assembly of the exhaust system for testing
(Teile lfd. Nr. lt. Anl. 1 /
no. of parts, enclosure 1): siehe 3.4 / *notice 3.4*
- 2.4. Lage und Richtung der Auspuffmündung:
Position and direction of the tail pipe: rechts seitlich nach hinten
at the right side to the rear
- 2.5. Prüfmuster eingegangen am:
Test samples submitted for testing at: -

3. Prüfprotokoll / *Test report*

Auf eine erneute Messung konnte verzichtet werden, da die neu hinzukommenden Fahrzeugtypen serienmäßig mit der gleichen Auspuffanlage ausgerüstet sind wie Prüffahrzeuge aus vorhergehenden Technischen Berichten zu diesem Typ, und die Geräusch- und Abgasmesswerte auf die neuen Fahrzeugtypen übertragbar sind.

New tests were not necessary, because the new vehicle types are equipped originally with the same exhaust system as already tested vehicles with this type, and the noise and emission test results are comparable to the new vehicle types.

3.8. Messung der Schadstoffemissionen / *Pollution Test*

Auf eine Messung des Abgasverhaltens konnte verzichtet werden, da der original Katalysator unverändert im Abgassystem verbleibt. Eine Verschlechterung des Abgasverhaltens ist nicht zu erwarten.

The Pollution test was not necessary because the original catalytic converter remains without any changes in the exhaust system. A degradation of catalyst efficiency is not expected.

3.9. Ergebnisse / *Test results*

Die Ergebnisse der Prüfungen hinsichtlich / *The results of*

- 3.9.1. Geräusche / *Noise testing*
- 3.9.2. Leistung / *Power measurement*
- 3.9.3. Höchstgeschwindigkeit / *Top speed*
- 3.9.4. Abgasverhalten / *Pollution test*

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

Aufgrund der Messung mit dem/n o.g. Fahrzeug/en können auch die in Anlage 2 aufgeführten Kraffträder die die gleiche Serien- Auspuffanlage besitzen und vergleichbare Motorleistung haben, mit in den Verwendungsbereich aufgenommen werden/

All motorcycles with the same serial exhaust system and same or similar performance mentioned in enclosure 2, can be taken into the field of application due to the measurement with the above named motorcycle/s.

- 3.9.5. Die beschriebene Nicht-Originalauspuffanlage / Technische Einheit darf an den in der Anlage 2 aufgeführten Kraffahrzeugen 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.



Techn.Bericht Nr. / *Techn. Report No.*: 19-00081-CM-GBM-01
Hersteller / *Manufacturer*: Akrapovic, Malo Hudo 8a, 1295 Ivančna Gorica, Slovenia

Typ / *Type*: M-HR070

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- 3.9.6. Die allgemeinen Spezifikationen gemäß (EU)134/2014; Anhang IX; Anlage 2; Abschnitt 3.5.1. werden durch die Nicht-Originalauspuffanlage als technische Einheit erfüllt. / *The general specifications regarding (EU)134/2014; Annex IX; Appendix 2; Clause 3.5.1. are fulfilled by the non-original exhaust system as technical unit.*

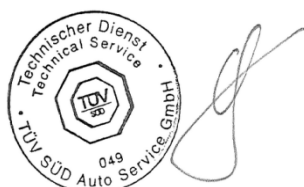
4. Anlagen / *Enclosures*

Anlage 1, Teile der Nicht-Originalauspuffanlage
Enclosure 1, Composition of the non original exhaust system
Anlage 2, Verwendungsbereich
Enclosure 2, Field of application
Beschreibungsbogen
Information Document

5. Schlussbescheinigung / *Summary*

Der angegebene Beschreibungsbogen und der darin beschriebene Typ entsprechen der genannten Prüfgrundlage. Der ungünstigste Fall wurde entsprechend Prozessbeschreibung „Erstellung von Gutachten“ bestimmt.
Der Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut vervielfältigt und weitergegeben werden. Eine auszugsweise Vervielfältigung und Veröffentlichung des Prüfberichtes ist nur nach schriftlicher Genehmigung des Prüflaboratoriums zulässig.
The information folder and the type described therein are in compliance with the test specification mentioned above. The worst-case was selected in accordance with document "Preparation of Test Reports".
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München, 08.12.2020



Dipl.-Ing. (FH) Max Höhler
Prüfingenieur / *The Expert*



ANLAGE 1
ENCLOSURE 1

zum Prüfbericht Nr. / to test report no.
Typ / Type:
Hersteller / Manufacturer:

19-00081-CM-GBM-01
M-HR070
Akrapovic, Malo Hudo 8a
1295 Ivančna Gorica, Slovenia

Teile der Nicht-Originalauspuffanlage + Originalteile/
Composition of the original exhaust system + original parts

Seite / Page 1/1

| Lfd. Nr. / No. | Einzelteile, Abmessungen in mm / <i>Components parts, dimensions in mm</i> | Abmessungen des Teiles in mm bzw. Originalteil / Ersatzteil / <i>Dimensions of the part in mm or original part / replacement part</i> | Teilenummer bzw. Genehmigungsnummer / <i>Part no. or homologation no.</i> |
|-------------------|---|---|---|
| 1) | Krümmerröhre, Vorschalldämpfer mit Katalysator / <i>header pipes, presilencer with catalytic converter</i> | Originalteile / <i>original parts</i> | - |
| 2) | Schalldämpfer / <i>silencer</i> (Austrittsrohr / <i>outlet pipe</i> Ø 40) | hexagonal / <i>hexagonal</i> 111,9 x 141,9 Länge ohne Endkappen / <i>length without endcaps</i> 380 | M-HR070 e26*08144*G E26 92R-01 8144 |

ANLAGE 2
ENCLOSURE 2

zum Prüfbericht Nr. / to test report no.
Typ / Type:
Hersteller / Manufacturer:

19-00081-CM-GBM-01
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Akrapovic, Malo Hudo 8a
1295 Ivančna Gorica, Slovenia

Verwendungsbereich (Fahrzeugdaten) / Field of application

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Die Fahrzeuge erfüllen - beziehend auf ihre Fahrzeugtyp Genehmigung - die Umweltafordernungsstufen:
The vehicles fulfil - regarding their Whole Vehicle Type Approval (WVTA) - the environmental steps:

Euro (4/5)
Euro (4/5)

| Lfd. Nr. | Hersteller | Fabrikmarke | Handelsbezeichnung | Fahrzeugtyp ab Genehmigung Nr. | Var. Vers. | Motortyp 4 Takt | Hubraum in cm ³ | Nennleistung kW/min ⁻¹ | Sonstige bestimmende Merkmale | Anordnung entspr. Anl. 1 lfd. Nr. |
|----------------|--------------|-------------|------------------------|---|------------|----------------------|------------------------------------|--|-------------------------------|-----------------------------------|
| No. of vehicle | Manufacturer | Trade mark | Commercial description | Vehicle type beginning with no. of homologation | Var. Vers. | Engine type 4 Stroke | Engine capacity in cm ³ | max. engine power kW/min ⁻¹ | Additional remarks | Composition reg. enclosure no. 1 |
| 1) | KTM AG | KTM | Duke 890 R | KTM R2 Duke e1*168/2013*00063* | alle / all | 636 | 899 | 89/9250 | mit Kat.*) / with cat. | 1)2) |
| 2) | | | Duke 890 R | KTM 790 Duke | | 636 | 899 | 89/9250 | | |
| 3) | | | Duke 890 | e1*168/2013*00063* | | 636 | 899 | 85/9000 | | |
| 4) | | | Duke 890 R | KTM 790 Duke | | 636 | 889 | 89/9250 | | |
| 5) | | | Duke 890 | e1*168/2013*00063* | | 636 | 889 | 85/9000 | | |
| 6) | | | Duke 890 L | KTM 790 Duke L e1*168/2013*00083* | | 636 | 889 | 70/8000 | | |
| 7) | | | Duke 890 L | KTM 790 Duke L e1*168/2013*00084* | | 636 | 889 | 35/4500 | | |

*) Die serienmäßigen Katalysatoren bleiben 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.*

| 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-HR070 |
| 0.8.1. | L1e — L7e | Commercial name(s) (if available): n.a. |
| 0.8.2. | L1e — L7e | Type-approval number(s) (if available): e26*134/2014*2018/295G*08144*01 |
| 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 1295 Ivančna Gorica Slovenia |
| 0.9.1. | L1e — L7e | Name(s) and address(es) of assembly plants: n.a. |
| 0.9.2. | L1e — L7e | Name and address of manufacturer's authorised 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 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 (4/5) |
| 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. |



Information Document M-HR070

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

TÜV SÜD Auto Service Technical Report: 19-00081-CM-GBM-01

| Attachments | Drawing no. | Date | Pages |
|------------------|----------------|------|-------|
| Assembly Drawing | KTM Duke 890 R | - | 1 |

AKRABOVIČ, d.d.

Malò Hudo 8a, 1295 Ivančna Gorica,
Slovenija



Rosa Uroš, Managing Director

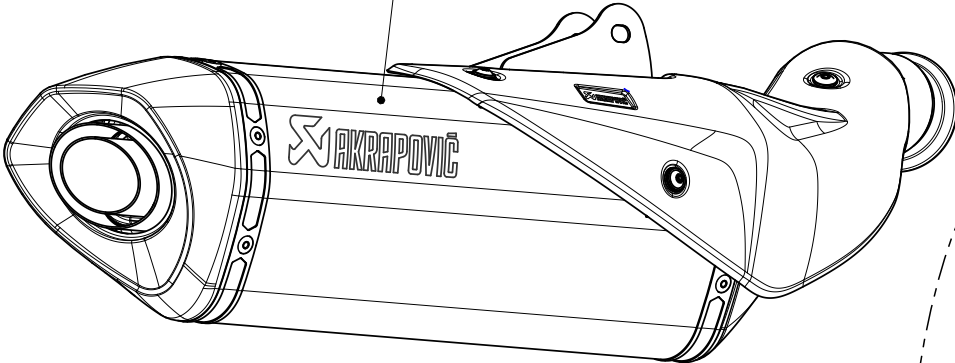
08.12.2020



KTM Duke 890 R / Partial exhaust system / Slip-ON line / EC&ECE Type approval

S-KTM8SO1-HRT
S-KTM8SO1-HRTBL

MUFFLER
M-HR070
e26*08144*G
E26 92R-01 8144



ORIGINAL PARTS
with catalytic converter

