

	<b>INFORMATION DOCUMENT</b> N° H176/R92.02 rev. 00	<b>Date: 02/08/2021</b> <b>Page 1/7</b>
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**Termignoni S.p.A.**  
**Via della Rampina, 1**  
**I-15077 Predosa (AL)**  
**Italy**

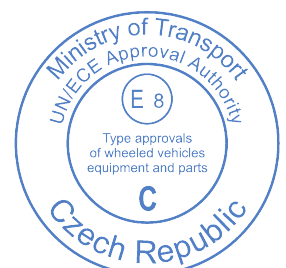
**APPLICATION FOR APPROVAL OF SEPARATE TECHNICAL UNIT OF  
EXHAUST SYSTEMS FOR MOTORCYCLE PURSUANT  
TO ECE Regulation No. 92.02**

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

**Total number of pages: 11 (Including Annex)**

**Predosa, IT**  
**02.08.2021**

  
**Technical manager**





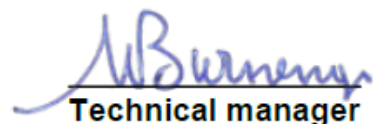
## **Confirmation**

- 1- We declare hereby that the specimen submitted for this approval test have been manufactured and assembled in conditions of ordinary mass production and that they are compatible with the enclosed documentation.
  
- 2- Termignoni S.p.A. attests that the non-original replacement exhaust silencing systems of this type **H176** comply with the applicable ASEP requirements of UN Regulation No.41 during the type approval procedure and its production.

Termignoni S.p.A 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.

- 3- Termignoni S.p.A attests that no device or procedure has been intentionally altered, adjusted or introduced solely for the purpose of fulfilling the sound emission requirements of this Regulation, which will not be operational during typical on-road operation.

**Predosa, IT**  
**02.08.2021**

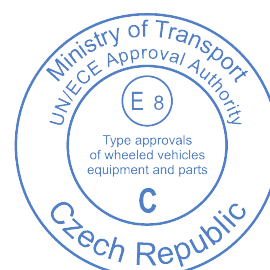
  
**Technical manager**





## Contents

Confirmation .....	2
0. GENERAL INFORMATION.....	4
1. GENERAL CONSTRUCTION CHARACTERISTICS.....	5
Appendix 1 - Composition of the original exhaust system + original parts .....	1
<b>Enclosures:</b>	
Appendix 2 – Drawing of composition “H176: Assembly”	pages 1
Appendix 3 – Drawing of silencer “H176: Silencer”	pages 1
Appendix 4 – Fitting instructions “Fitting instructions”	pages 1





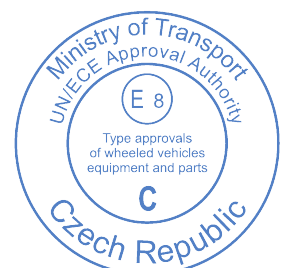
**0. GENERAL INFORMATION**

**B. General information concerning systems, components or separate technical units**

- 0.7. Make (trade name of manufacturer):** Termignoni
- 0.8. Type:** H176  
**Variants:** TSSF, SSSF, TTTF, STTF, for details see page 7.
- 0.8.1. Commercial name (if available): --
- 0.8.2. Type-approval number (if available): --
- 0.8.3. Type-approval issued on (date, if available): N/A
- 0.9. Company name and address of manufacturer:** Termignoni S.p.A.  
 Via della Rampina, 1  
 I-15077 Predosa (AL)  
 Italy
- 0.9.1. Name and address of assembly plants: Termignoni S.p.A.  
 Via della Rampina, 1  
 I-15077 Predosa (AL)  
 Italy
- 0.9.2. Name and address of manufacturer's authorised representative, if any: N/A

**0.10. Vehicle for which the system/separate technical unit is intended for**

0.10.1. Type:	RH11	RH11	RH10	RH10
0.10.2. Variant:	1	1CV	1	1CV
0.10.3. Version:	1	1	1	1
0.10.4. Commercial name:	NSS750	NSS750	ADV750	ADV750
0.10.5. Category of vehicle:	L3e-A3	L3e-A2	L3e-A3	L3e-A2
0.10.6. Vehicle type approval No.:	e6*168/2013*00064*	e6*168/2013*00065*	e6*168/2013*00057*	e6*168/2013*00058*





**C. General information concerning vehicle, systems, components or separate technical units**

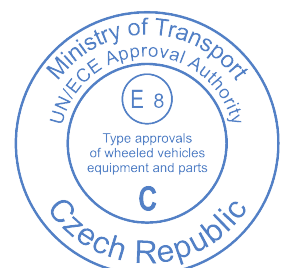
**0.12. Conformity of production**

0.12.1. Description of overall quality-assurance management systems according to described internal quality management initially assessment has been executed.

**1. GENERAL CONSTRUCTION CHARACTERISTICS**

**1.8. Propulsion unit performance**

Engine type:	RH11E RH10E
Engine Capacity:	Vehicle type RH11: 745 cm <sup>3</sup> Vehicle type RH10: 745 cm <sup>3</sup> Vehicle type/variant RH11/1: 168 km/h Vehicle type/variant RH11/1CV: 161 km/h Vehicle type/variant RH10/1: 168 km/h Vehicle type/variant RH10/1CV: 165 km/h
1.8.1. Declared maximum vehicle speed:	Vehicle type/variant RH11/1: 43,1 kW @ 6750 rpm Vehicle type/variant RH11/1CV: 35 kW @ 6000 rpm
1.8.3. Maximum net power combustion engine:	Vehicle type/variant RH10/1: 43,1 kW @ 6750 rpm Vehicle type/variant RH10/1CV: 35 kW @ 6000 rpm
1.8.4. Maximum net torque combustion engine:	Vehicle type type/variant RH11/1: 69 Nm @ 4750 rpm Vehicle type type/variant RH11/1CV: 65 Nm @ 4000 rpm Vehicle type type/variant RH10/1: 69 Nm @ 4750 rpm Vehicle type type/variant RH10/1CV: 65 Nm @ 4000 rpm
1.8.5. Maximum continuous-rated power electric motor (15/30 minutes power):	N/A
1.8.6. Maximum continuous-rated torque electric motor:	N/A
1.8.7. Maximum continuous total power for propulsion:	N/A
1.8.8. Maximum continuous total torque for propulsion:	N/A
1.8.9. Maximum peak power for propulsion:	N/A



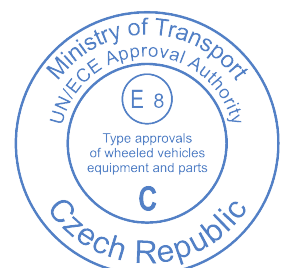


#### 4. GENERAL INFORMATION ON ENVIRONMENTAL AND PROPULSION UNIT PERFORMANCE

4.0.1. Environmental step:	EURO 5
4.0.2. Fuel consumption:	Vehicle type RH11: 3,6 l/100 km Vehicle type RH10: 3,6 l/100 km
4.0.3. CO <sub>2</sub> emissions:	Vehicle type RH11: 85 g/km Vehicle type RH10: 85 g/km
4.0.4. Energy consumption:	N/A
4.0.5. Electric range:	N/A
4.0.6. Noise level (limit value):	77 dB(A)

#### 4.4. Additional information on environmental and propulsion unit performance

- 4.4.4. Applicable information document set out in respectively UN Regulation No 92 shall supplement this information document with regards to the noise-abatement devices installed on the vehicle. N/A





**Technical description:**

Non-original exhaust system, according to drawings no. "H176 : Silencer", consists of: single silencer on the right side of the vehicle rear, maximum section 118x139 mm, total length 545,0 mm (with endcap and junction pipe), absorption-reflection principle with single outlet pipe of  $\varnothing 35$  mm (inner section), in combination with original header system. The silencer has been designed in three possible variants: TSSF, SSSF, TTTF, STTF.

Repair and maintenance information are in manual and webpage: [www.termignoni.it](http://www.termignoni.it)

**Position and direction of the tail pipe:**

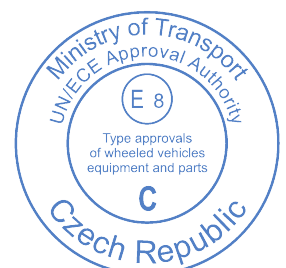
On the right side of the vehicle, in longitudinal direction

**Used materials:**

- TSSF: Titanium (Shell), Stainless Steel (outlet pipe), Stainless Steel (punched-holes Pipe), Fibre Glass (sound deadener).
- SSSF: Stainless Steel (Shell), Stainless Steel (outlet pipe), Stainless Steel (punched-holes pipe), Fibre Glass (sound deadener).
- TTTF: Titanium (shell), Titanium (outlet pipe), Titanium (punched-holes pipe), Fibre Glass (Sound Deadener).
- STTF: Stainless Steel (shell), Titanium (outlet pipe), Titanium (punched-holes pipe), Fibre Glass (sound deadener).

**Place of marking:**

On the silencers, see enclosed drawings of silencers and composition "H176: Silencer"



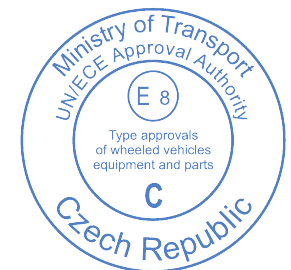


**INFORMATION DOCUMENT**  
N° H176/R92.02 rev. 00 – Appendix 1

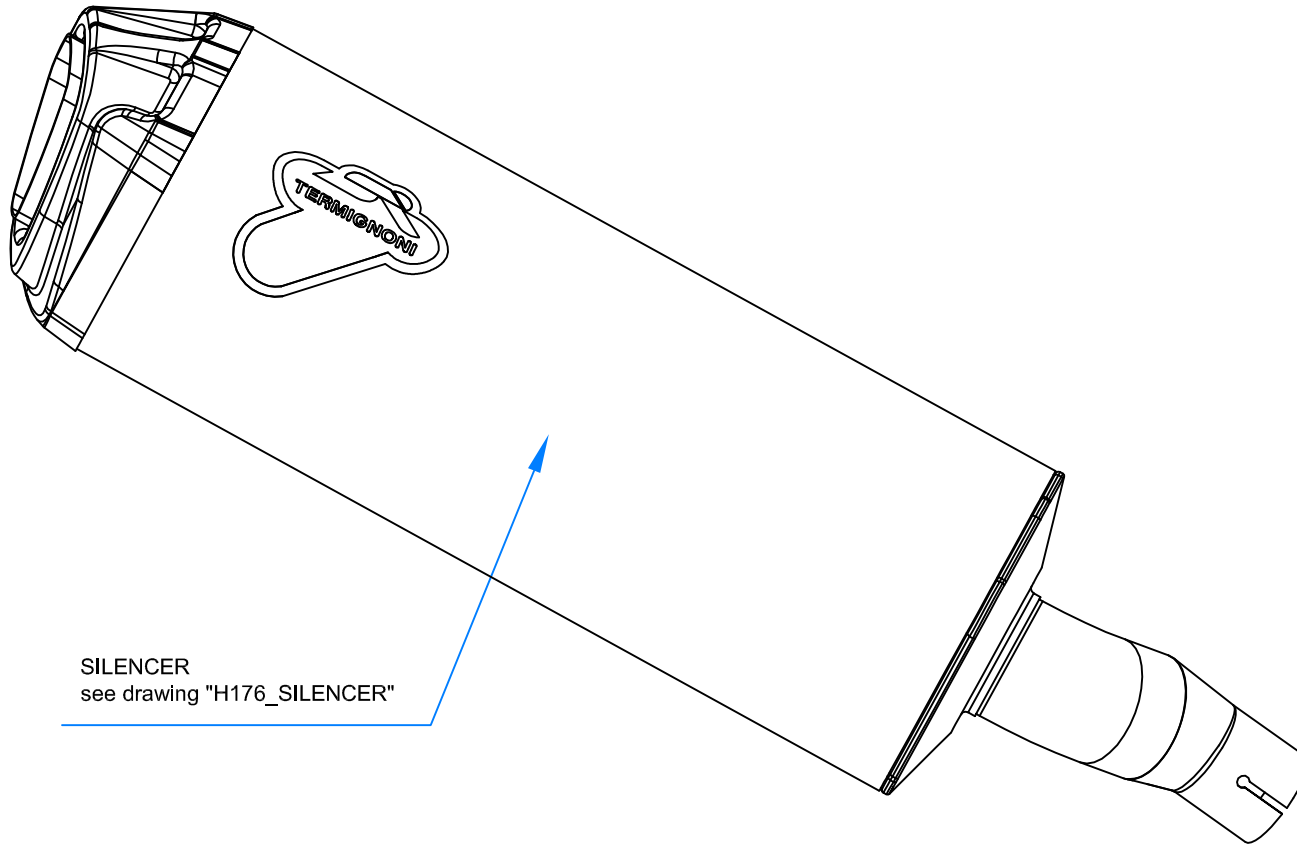
**Date: 02/08/2021**  
**Page 1/1**

**Appendix 1 - Composition of the original exhaust system + original parts**

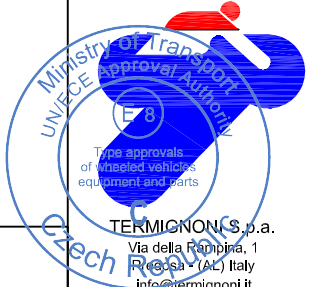
No.	Components parts, dimensions in mm	Dimensions of the part in mm or original part / replacement part	Part no. or homologation no.
1)	Collectors and final body	Original part	--
2)	Catalytic converter	Original part	--
3)	Silencers (Single outlet pipe, inner section Ø35 mm)	Single silencer on the right side of the vehicle rear, maximum section 118x139 mm, total length 545 mm (with endcap and junction pipe), absorption-reflection principle with single outlet pipe of Ø35 mm (inner section), in combination with original header system	"H176 : Silencer"
4)	Silencer composition	TSSF, SSSF, TTF, STTF	See drawing no. "H176 : Silencer"







SILENCER  
see drawing "H176\_SILENCER"

Scale: Drawing not to scale	Model: <b>HONDA</b>	 <p>Ministry of Transport UN/ECE Approval Authority E8 Type approvals of motor vehicles equipment and parts</p>
Date: 02/08/2021	<b>X-ADV 750 FORZA 750</b>	
Name: Zappia C.	<b>H176 Ex 000XX</b>	
Type: <b>H176 : ASSEMBLY</b>	TERMIGNONI S.p.a. Via della Rappina, 1 Piedisa - (AT) Italy info@termignoni.it	

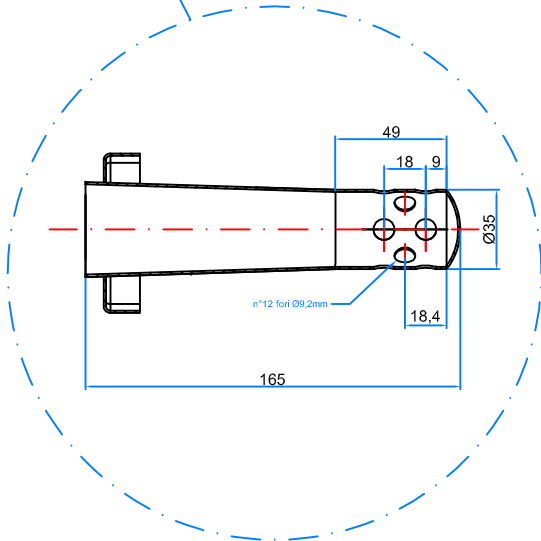
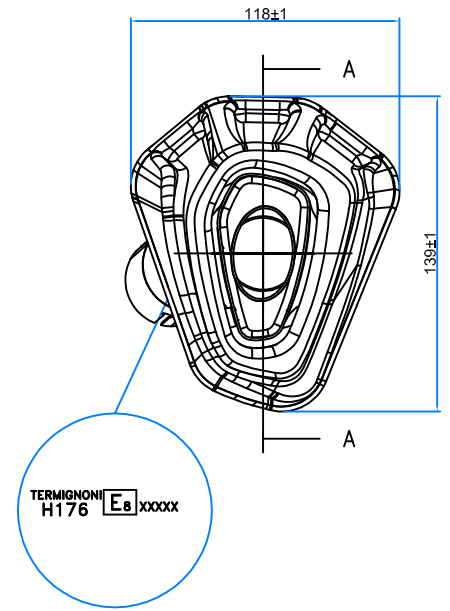
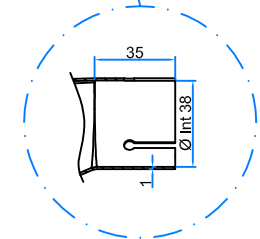
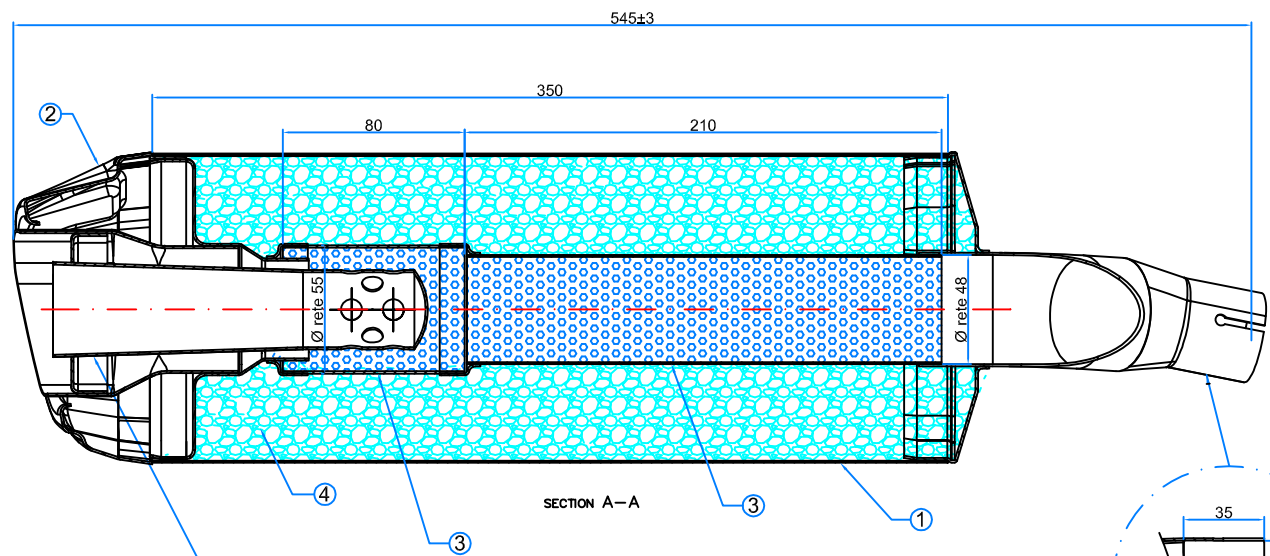
Il presente disegno è di proprietà della Termignoni S.p.a. e non può essere riprodotto o portato a conoscenza di terzi senza autorizzazione

E8\*92R02/00\*11461\*00

Total number of pages 9/11

USED MATERIALS

PART NAME / REF	1	2	3	4
VERSION	SHELL	END CAP	PUNCHED/HOLE PIPE	SOUND DEADNER
TSSF	Titanium	Stainless steel	Stainless steel	Fiber glass
SSSF	Stainless steel	Stainless steel	Stainless steel	Fiber glass
TTTF	Titanium	Titanium	Titanium	Fiber glass
STTF	Stainless steel	Titanium	Titanium	Fiber glass



Scale: Drawing not to scale	Model: HONDA X-ADV 750 FORZA 750	<p>Ministry of Transport UNECE approval Authority</p> <p>Type approvals of rimmed vehicles equipment and parts</p> <p>TERMIGNONI S.p.a. Via della Rimpinna, 1 Piedisa - (AT) Italy info@termignoni.it</p>
Date: 02/08/2021	H176 Ex XXXXX	
Name: Zappia C.	H176 : SILENCER	
Type:		

General tolerance : +/- 1mm  
E8\*92R02/00\*11461\*00



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www.termignoni.it  
Part. IVA - C.F. 00862780061  
Iscriz. C.C.I.A.A. AL 130295  
Iscriz. Tribunale Reg. Soc. 7721  
N. Export AL 009063  
C.C. IT 00862780061  
Cap. Soc. € 1.000.000,00 int. vers.

## **FITTING INSTRUCTIONS**

### **For Termignoni exhaust systems**

#### **A. Dismantling the original exhaust system**

1. Remove any casing impeding clear access
2. Detach the silencer support(s) and the original silencer from the branch pipe and/or exhaust manifold

#### **B. Fitting Termignoni silencer(s)**

1. Fit the Termignoni silencer(s) to the original branch pipe, or use the Termignoni branch pipe to fit the exhaust manifold
2. Attach the silencer(s) with the mounting(s) supplied with the vehicle, leaving the screws and bolts loose
3. Adjust the exhaust system so that when fully inserted it is at least 5 mm from any other component of the vehicle
4. Tighten all screws and bolts
5. Test the vehicle and check all connections, tightening the screws and bolts if necessary
6. After about 100 km check all the connections again and tighten the screws and bolts if necessary

#### **WARNING:**

Take care when working on the exhaust system after testing the vehicle since the surfaces could be very hot

