

THE SWEDISH TRANSPORT AGENCY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/ ~~APPROVAL EXTENDED ⁽⁴⁾/~~
~~APPROVAL REFUSED ⁽⁴⁾/ APPROVAL WITHDRAWN ⁽⁴⁾/ PRODUCTION DEFINITELY~~
~~DISCONTINUED ⁽⁴⁾~~ OF A TYPE OF REAR UNDERRUN PROTECTIVE DEVICE (RUPD) PURSUANT
TO UN REGULATION NO 58.



Approval No: E5*58R03/02*0029*00

1. Trade name or mark of device: DEL
2. Device type: DA with the models DA 1000L(Short RUPD Bracket) and
DA 1000L (Long RUPD Bracket)
3. Name and address of manufacturer:

DEL Equipment (UK) Ltd.
Building 1, WindrushPark Road
Windrush park, Witney
Oxon OX29 7HA
United Kingdom
4. If applicable, name and address of manufacturer's representative:

Hiab AB
Norra Vallgatan 64
211 22 Malmö
5. Characteristics of the device (dimensions and its fixing elements): See test report
6. Test conducted ~~on a vehicle~~ / on a representative part of the chassis of a vehicle ⁽¹⁾

7. Position on the device of the points of application of the test forces:
See test report
8. Maximum horizontal and vertical deflection observed during and after the application of the test forces in Annex 5:
See test report
9. Restrictions on application
Vehicles on which the device may be installed (if applicable): N1, N2, N3, O2, O3 and O4
Characteristics of the chassis to which the device may be installed (e.g. stiffness, profile dimensions,...) (if applicable):
In accordance with manufacturer instructions
10. Maximum mass of vehicle on which the device may be installed:
DA 1000L (Short RUPD Bracket): 10 000 kg
DA 1000L (Long RUPD Bracket): Unlimited
11. Device submitted for approval on: 09 December 2020 and 10 February 2021
12. Technical Service responsible for conducting approval tests:
RISE Research Institute of Sweden AB
Box 857
501 15 BORÅS
SWEDEN
13. Date of report issued by that service: 19 May 2021
14. Number of report issued by that service: 2P00049-4 Rev 1

15. Approval ~~GRANTED/REFUSED/EXTENDED/WITHDRAWN~~ in respect of the RUPD ⁽¹⁾
16. Position of approval mark on the device:

The marking is placed on the tailgate lift type plate. The type plate is riveted on the frame of the tailgate lift, RUPD box-section.
17. Place: Borlänge
18. Date: 25 MAY 2021
19. Signature: 

Anita Savarin
Type Approval Certification Officer
20. The following documents, bearing the approval number shown above, are available upon request:

Drawings, diagrams and layout plans of the components of the structure considered to be of importance for the purposes of this Regulation;

Detailed information about the devices representing the vehicle structures used for the mounting of the RUPD (e.g. moment of inertia of the beams);

Where applicable drawings of the protective devices and their position on the vehicle.

Any remarks: None

(1) Strike out what does not apply

Utfärdare
Steve Carew-Gibson
Design Engineering

Datum
2021-01-21

steve.carew-gibson@hiab.com

1 (2)

INFORMATIONSDOKUMENT

Om ECE-typgodkännande av en separat teknisk enhet med avseende på anordning för bakre underkörningsskydd (RUPD) på motorfordon och släpvagnar enligt ECE Reglemente 58 om bakre underkörningsskydd på motorfordon, inklusive tillägg 3 till ändringsserie 03 som trädde i kraft 2017-11-30.

0. ALLMÄNT

- | | | |
|------|------------------------------------|--|
| 0.1. | Märke: | DEL |
| 0.2. | Typ och beteckning: | DA, med följande
modellbeteckningar:
DA1000L (Short RUPD Bracket)
DA1000L (Long RUPD Bracket) |
| 0.5. | Tillverkare och adress: | DEL Equipment (UK) Ltd.
Building 1, WindrushPark Road, Windrush Park,
Witney, Oxon, OX29 7HA, UK |
| 0.7. | Placering av EG-godkännande märke: | Markeringen placeras på baklift

tyskylt som nitas till bakdelen

RUPD Box-sektionen. |
| 0.8. | Monteringsfabrikernas adresser: | AIR POWER s.r.o
Jižní Předměstí 2942, 301 00, Plzeň,
Czech Republic |

Utfärdare
Steve Carew-Gibson
Design Engineering

Datum
2021-01-21

steve.carew-gibson@hiab.com

2 (2)

1. UPPGIFTER OM DE FORDON på vilka anordningen är avsedd att monteras

- 1.1. Minsta summan av tröghetsmoment
(en sida, höger eller vänster) kring
den horisontella axeln av chassits
sidobalkar i tvärsnitt:

$$I_{x \min} > 554.7 \text{ cm}^4$$

- 1.2. Avstånd mellan chassits sidobalkar vid
anordningens monteringspunkt:

DA1000L (Short RUPD Bracket): 750 – 890 mm
DA1000L (Long RUPD Bracket): 750 – 890 mm

2. VIKTER OCH MÅTT

- 2.1. Högsta tekniska tillåtna totalvikt:

DA1000L (Short RUPD Bracket): 10T
DA1000L (Long RUPD Bracket): Obegränsad

3. KAROSSERI

- 3.1. Beskrivning och ritningar:

RUPD-enheten är avsedd för installation på fordon
med en baklift. Skyddet består av ett stålrör med en
höjd av 100 mm.

Baklyften är monterad på fordonets
längsgående balkar via två vertikala plattor.

RUPD: s höjd justeras vid installation på fordonet.

* Denna anordning skall godkännas som en separat teknisk enhet (RUPD).