DNV·GL

Certificate No:
TAM00000UX

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Spark Arrestor

with type designation(s)
Spark arrestor Type DARI 1.0

Issued to
BBM Akustik Technologie GmbH
Planegg, Germany

is found to comply with
NS-EN 1834-1
DNV GL class programme DNVGL-CP-0282 – Type approval – Spark arrestors

Application :

Issued at **Hamburg** on **2018-05-04**
This Certificate is valid until **2023-05-03**.
DNV GL local station: **Augsburg**

for **DNV GL**

Approval Engineer: **Guido Friederich**

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

Spark Arrestor, Type DARI 1.0
Designed to be used in exhaust gas pipes of combustion engines.

Inlet / outlet pipe diameter range [dE / dA]: 219.1mm - 2500 mm

Materials

EN Material / Standard		ASTM Material / Grade	
S235 JR, 1.0038	EN 10025-2	SA 283	Gr. B
P265 GH	EN 10028	SA 516	Gr.60
16 Mo3	EN 10028	SA 204	Gr. A
1.4404	EN 10088	SA 312	TP 316L
1.4571	EN 10088	SA 240	Gr. 316 Ti
1.4541	EN 10088	SA 312	TP 321
1.4301	EN 10088	SA 240	Gr. 304

Application/Limitation

The spark arrestors are approved for installation in exhaust gas pipes on reciprocating combustion engines.
Type of arrestor has to be chosen according to maker's instructions.

Type Examination documentation

Tests carried out

Tested according to EN-1834-1:2000, Chapter 6.4.1,
Measurement report Doc. No. 14535-IRP-01 dated 2011-10-27

Marking of product

The product is to be marked with manufacturer's name or trademark and type number identification.

Certificate Retention Survey

A condition for retention of the Type Approval Certificate in its validity period is that periodical assessments are successfully carried out.
The objective of the periodical assessment is to verify that the conditions for the type approval have not been altered.
The main scope of the periodical assessment will normally include:

- Verification of the TA applicant's production and quality system w.r.t ensuring continued consistent production of the type approved products at the TA applicant's own premises and at other companies that are given the responsibility for manufacturing of the products.
- Review of the TA documentation and that this is still used as a basis for the production
- Review of possible changes to the design, the material and the performance of the product
- Verification of the product marking

END OF CERTIFICATE