DNV·GL

Certificate No:
MEDB00001MJ

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Fire dampers

with type designation(s)
SJ-AFD-A0

Issued to
Seongjee Engineering Co., Ltd.
Busan, Republic of Korea

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.22 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/9 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-08-28**.

Issued at **Høvik** on **2016-08-29**

DNV GL local station:
Pusan

Approval Engineer:
Tomasz Werchowicz

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"SJ-AFD-A0"
is a spring operated, rectangular fire damper with automatic fuse operation (72 °C) and manual mechanical release. Damper blade is made of 4.5 mm stainless steel SS400. It is to be fitted with open/close indication and shall be easily accessible.

The fire damper consist of 450 x 4.5 mm (L x T) casing bolted to the 725 x 5 mm (L x T) coaming, by means of M10x25 bolts with spacing of 150mm. Glass wool gasket is fitted between the casing and coaming. Coaming is welded to the bulkhead.

For further details see test report stated under Type Examination documentation, below.

Application/Limitation

Approved for use in ducts penetrating class A-0 steel bulkheads. Other applications are subject to case-by-case approval.

Max. fire damper size: 1200 x 800 mm (W x H)
Max. number of blades: 1
Max. blade size: 1196 x 780 mm (W x H)

Minimum distance between the fire damper and the bulkhead is: 225mm

The arrangement of the fire damper and necessary insulation of damper frame and ducting in the vicinity of the partition is subject to approval in each case.

Steel thickness of damper casing to be equal to or greater than thickness of duct/sleeve required by the rules if the damper casing is part of the duct/sleeve.

The fire damper is approved for installation in steel bulkheads. Other applications are subject to case-by-case approval.

The damper shall be capable of being closed form both sides of the bulkhead.

Each product is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Test Report No. : KOMERI-0402-16T0878-1 dated 27 June 2016 from Korea Marine Equipment Research Institute

Drawing from the manufacturer: SJ-AFD-A0 dated 25 April 2016

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, fire-technical rating, MED Mark of Conformity and USCG approval number if applicable (see fist page).