



# NIPPON KAIJI KYOKAI

## *Certificate*

Certificate No.  
TA21126E(N)

*OF*

### *APPROVAL*

Item	:	"A" class cable penetration
Product name	:	GK FS SK
Specifications	:	See Annex.
Applicant	:	Roxtec International AB Box 540, 371 23 Karlskrona, Sweden
Manufacturer	:	The same as the Applicant.
Testing standard	:	2010 FTP Code Annex1 / Part 3
Test reports	:	See Annex.
Limitations	:	See Annex.

THIS IS TO CERTIFY that the above type of products has been approved by Nippon Kaiji Kyokai with type approval No. 21FPA10DA, and that the products of the above type will be accepted for use onboard ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to conditional upon the manufacturers having a quality control system audited by a competent authority to ensure continuous compliance with the type approval conditions.

This certificate is valid until 3 February 2026.

Issued at Tokyo on 4 February 2021.

NIPPON KAIJI KYOKAI

Y. Takao

General Manager

Material and Equipment Department





### 1. Test reports

Test laboratory	Report No.	Date of issue
Ship Design and Research Centre S.A. (65 Szczecińska Street 80-392 Gdańsk, Poland)	RS-19/B-255/E	20 August 2019
	RS-19/B-256/E	20 August 2019
	RS-19/B-225/E	1 August 2019
	RS-19/B-423/E	19 November 2019
	RS-20/B-081/E	31 March 2020
	RS-19/B-355/E	16 October 2019
RISE Research Institute of Sweden AB (SP Box 857, SE-501 15 Boras, Sweden)	8P07092	27 September 2019
	8P07094	23 September 2019
Danish Institute of Fire and Security Technology (Jernholmen 12 K-2650 Hvidovre, Copenhagen, Denmark)	PGA11387A	5 July 2019
	PGA11610A	10 January 2020
DMT GmbH & Co KG (Hermann-Kemperstr. 12a, D-49762 Lathen, Germany)	DMT-DO-53-112	22 May 2019
	8117987297-30	30 June 2020

### 2. Limitations

In case that A-60 class cable penetration is used as A-15/A-30 class cable penetration, such penetration is to be applied to the specification for A-60 class cable penetration described in the attached drawing

### 3. Specifications

#### Approval range

Class	Type of sleeve (mm)	Size in diameter (mm)	Length of sleeve (mm)	Filling rate (%)	Application
A-60	Round	89 - 273	105 - 205	0 - 69	Bulkhead
A-60	Round	89 - 273	105 - 205	0 - 69	Deck
A-0	Round	89 - 273	105 - 205	0 - 68	Bulkhead
A-0	Round	89 - 273	105 - 205	0 - 68	Deck

Class	Type of sleeve (mm)	Width × Height (mm)	Length of sleeve (mm)	Filling rate (%)	Application
A-60	Oval	2 × (168 × 168) - 2 × (250 × 170)	105 - 205	0 - 66	Bulkhead
A-60	Oval	200 × 150 - 2 × (250 × 170)	105 - 205	0 - 68	Deck
A-0	Oval	200 × 150 - 2 × (250 × 170)	105 - 205	0 - 66	Bulkhead
A-0	Oval	200 × 150 - 2 × (250 × 170)	105 - 205	0 - 63	Deck