

**EU RO MUTUAL RECOGNITION  
TYPE APPROVAL CERTIFICATE**

Certificate No:

**MRE000000D**

File No:

**MR-E018**

Job Id:

**262.4-000085-2**

This Certificate is issued to

**BAKS - Kazimierz Sielski Profesjonalne Systemy Tras  
Kablowych  
Karczew, Poland**

for

**Cable Trays and Ducts (Metallic)**

with type designation(s)

**Cable Tray**

The product is found to comply with

**EU RO Mutual Recognition Technical Requirements for Cable Trays and Ducts (Metallic)**

Intended service

**Cable trays and ducts intended to be used in ship's cabling systems necessary for the  
applications mentioned in 1.b in the TA program.**This Certificate is valid until **2023-03-12**.Issued at **Høvik** on **2018-03-13**DNV GL local station: **Gdansk CMC**Approval Engineer: **Nicolay Horn**for **DNV GL**

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**Andreas Kristoffersen  
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 Approval Certificate and not to the approval of equipment/systems installed.

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## Product description

Type Designation	KMSP
Application	Cable tray (perforated) for both indoor and outdoor installation.
Material	Hot-Dip Galvanized steel, Stainless Steel ASI304 304L, 316, 316 L, 316Ti or Stainless Steel acc to AISI and PN-EN ISO 10088
Flame Propagation	Non-flame propagation
Electrical Continuity	With electrical continuity characteristics
Electrical Conductivity	Electrical Conductivity
Temperature	Min. : -105 °C Max. : 90 °C
Impact Resistance	20 J

Product symbol	Width (mm)	Material thickness (mm)	Safe Working Load (kg / m)	Length (mm)
KMSP75H15/2	75	1.5 ± 0.2 mm	According to SWL diagram in manufacturer catalogue	Max. 3000
KMSP100H15/2	100	1.5 ± 0.2 mm		Max. 3000
KMSP125H15/2	125	1.5 ± 0.2 mm		Max. 3000
KMSP150H15/2	150	1.5 ± 0.2 mm		Max. 3000
KMSP200H15/2	200	1.5 ± 0.2 mm		Max. 3000
KMSP250H15/2	250	1.5 ± 0.2 mm		Max. 3000
KMSP300H15/2	300	1.5 ± 0.2 mm		Max. 3000

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KMSPP150H15/2	150	1.5 ± 0.2 mm		Max. 3000
KMSPP200H15/2	200	1.5 ± 0.2 mm		Max. 3000
KMSPP250H15/2	250	1.5 ± 0.2 mm		Max. 3000
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## **Manufactured by**

BAKS - Kazimierz Sielski Profesjonalne Systemy Tras Kablowych  
Karczew, Poland

## **Application/Limitation**

The installation is to be mechanically protected in accordance with DNV GL Rules and especially on weather decks in cargo hold areas and through cargo holds.

Cable trays must not to be used as a walkway.

## **Type Approval documentation**

Manufacturer products catalogue (products data sheets) issued 2018-02-16

BBJ Test report nos. LA-17.108/1/E and LA-17.108/2/E issued 2017-10-25.

BAKS Protocol of Dururability Test doc. No. F-8.2.4-01-04/III issued 2018.02-12

## **Marking of product**

Manufacturer name – Type designation – Materia – Width – Height.

## **Other Conditions**

Type tests according to IEC 61537.

## **Periodical assessment**

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that design and materials used comply with type approved documents
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed annually and at renewal of this certificate.

END OF CERTIFICATE