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|---------------------------|-------------------------|-------------------------------------------------------------------------------------|
| 53112570<br>Internal      | <b>DATA SHEET</b>       |  |
| Valid from:<br>29.07.2025 | <b>SKINTOP® MS-HF-M</b> |                                                                                     |

The SKINTOP® MS-HF-M is a metric cable gland made of brass nickel-plated polyamide which is flame retardant and non-halogen. It is designed for a universal use, in premises where the subject is human protection, such as office and public buildings, undergrounds tunnels, aeration systems, as well as in premises where the subject is protection of properties values, such as industrial installations, storehouses, supply installations and ship building.



### Components:

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Gland Body                        | Brass, nickel plated                               |
| Cap nut                           | Brass, nickel plated                               |
| Insert with lamellar cage         | Polyamide,<br>Halogen free<br>V0 (acc. to UL 94)   |
| Seal insert for the lamellar cage | Special Elastomer<br>halogen free, flame retardant |
| O-Ring:                           | HNBR<br>halogen free, flame retardant              |

### Technical features:

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Connecting thread | M 12x1,5 up to M 63x1,5 in acc. to DIN 60423, table 1   |
| IP- protection    | IP 68 - 5 bar/30min in acc. to EN 60 529                |
| Strain relief     | cat. A in acc. to EN 50262                              |
| Temperature range | Dynamic -25°C up to +100°C<br>Static -40°C up to +100°C |

### Norm



### Tested in according to:

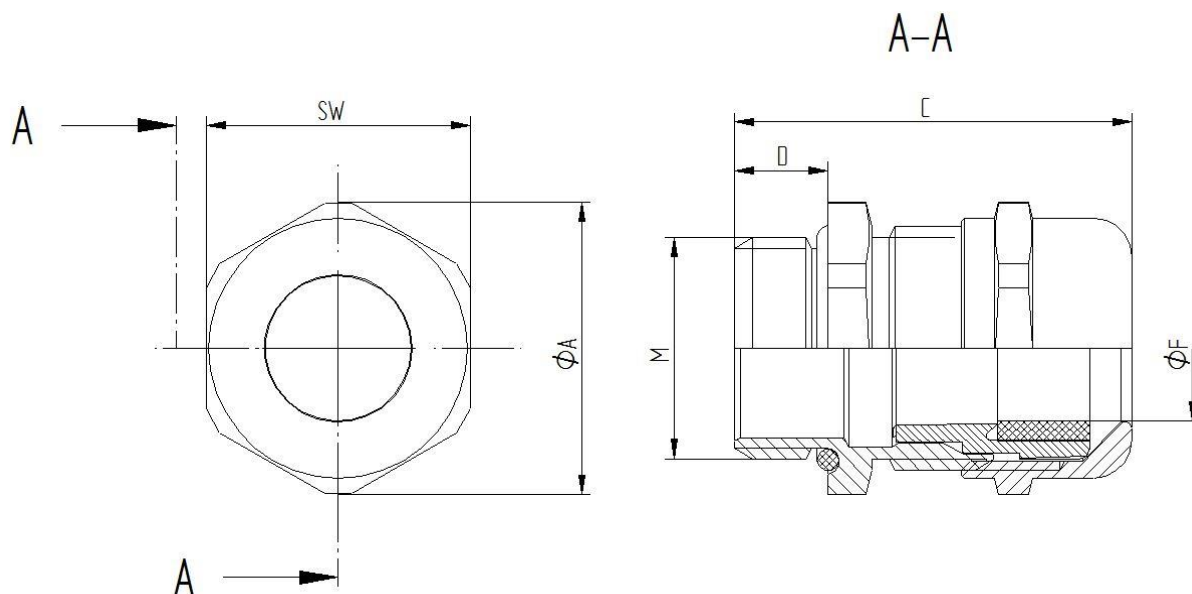
DIN EN 45545-2: 2016-02 & 2020-10  
 “Railway applications – Fire protection to railway vehicles – Part 2: Requirements for fire behavior of materials and components.”  
 Test result: Hazard Level **HL3** acc. to DIN EN ISO 4589-2: 2006-06

DIN EN 45545-3: 2013-08  
 „Railway applications – Fire protection to railway vehicles – Part 3: Fire resistance requirements for fire barriers.“  
 Classification: **E30** acc. to DIN EN 13501-2: 2010-02

|                                            |                                       |             |
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### SKINTOP® MS-HF-M



### SKINTOP MS-HF-M

| Thread  | SW | ØA<br>(mm) | C<br>(mm) | D<br>(mm) | ØF<br>Clamping range<br>(mm) | O-Ring | Part No. |
|---------|----|------------|-----------|-----------|------------------------------|--------|----------|
| M12x1,5 | 16 | 17,6       | 26,5      | 6,5       | 3,5-7                        | 9x2    | 53112570 |
| M16x1,5 | 20 | 22         | 31        | 7         | 4,5-10                       | 13x2   | 53112571 |
| M20x1,5 | 24 | 26,4       | 33        | 8         | 7,0-13                       | 17x2   | 53112572 |
| M25x1,5 | 29 | 31,9       | 37        | 8         | 9,0-17                       | 22x2   | 53112573 |
| M32x1,5 | 36 | 39,6       | 42,2      | 9         | 11,0-21                      | 28x2   | 53112574 |
| M40x1,5 | 45 | 49,5       | 48        | 9         | 19,0-28                      | 36x2   | 53112575 |
| M50x1,5 | 54 | 59         | 53,5      | 10        | 27,0-35                      | 46x2   | 53112576 |
| M63x1,5 | 67 | 73,5       | 60        | 15        | 34,0-45                      | 57x2   | 53112577 |

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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