

## SKINTOP® BS-SC-M METAL / SKINTOP® BSR-SC-M METAL

Brass cable gland with bending protection spiral for use on moving machine parts, optimum EMC protection due to highly conductive contact spring.

### Info

Permanent bending protection for EMC applications under high mechanical stress



Good chemical resistance



Wide clamping range



Optimum strain relief



Robust



Reliability



Temperature-resistant

### Benefits

Bending protection spiral prevents excessive bending as well as kinking of the connected cable.

Special design of the stainless steel spiral allows high number of bending cycles.

Optimum EMC protection due to integrated, highly conductive and flexible contact spring, which creates a low-impedance transition between the copper shielding braid and the cable gland.

Large, variable clamping range for different cable outer diameters.

Best possible sealing by O-ring and sealing ring enables protection class IP 68 (10 bar) and IP 69.

### Application range

For EMC-compliant insertion of copper-shielded cables.

Last Update (22.02.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

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Especially on moving machine parts.  
Withstands high mechanical loads.  
Suitable for outdoor use.

**Product Make-up**

Metric connection thread acc. to DIN EN 60423  
Basis for technical information DIN IEC 62444

**Note**

Variant "R" with reduction sealing insert for sealing smaller diameter pipes.

**Technical Data**

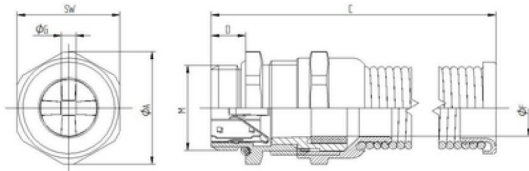
|                        |  |
|------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000441<br>ETIM 5.0 Class-Description: Cable screw gland   |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000441<br>ETIM 6.0 Class-Description: Cable screw gland   |
| Caution:               | Refer to Appendix T21 for the installation dimensions and torques  |
| Material:              | Body: nickel-plated brass<br>Insert: polyamide<br>Sealing: CR<br>O-ring: NBR<br>Spiral - springs made of stainless steel |
| Protection rating:     | IP 68 - 10 bar<br>IP 69  |
| Temperature range:     | Dynamic: -25°C up to +100°C<br>Fixed: -30°C up to +100°C   |

**Note**

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Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number          | Article designation / size | Outer Ø (mm), from - to | Minimum Ø above braiding (mm) | SW wrench size mm | Thread length D mm | Pieces / PU |
|-------------------------|----------------------------|-------------------------|-------------------------------|-------------------|--------------------|-------------|
| SKINTOP® BS-SC-M METAL  |                            |                         |                               |                   |                    |             |
| 53806825                | M 12 x 1,5                 | 3.5 - 7.0               | 1                             | 16                | 6.5                | 25          |
| 53806826                | M 16 x 1,5                 | 4.5 - 10.0              | 4                             | 20                | 7                  | 25          |
| 53806827                | M 20 x 1,5                 | 7.0 - 13.0              | 5                             | 24                | 8                  | 25          |
| 53806828                | M 25 x 1,5                 | 9.0 - 17.0              | 7.5                           | 29                | 8                  | 25          |
| SKINTOP® BSR-SC-M METAL |                            |                         |                               |                   |                    |             |
| 53806829                | M 12 x 1,5                 | 2.0 - 5.0               | 1                             | 16                | 6.5                | 25          |
| 53806830                | M 16 x 1,5                 | 2.0 - 7.0               | 4                             | 20                | 7                  | 25          |
| 53806831                | M 20 x 1,5                 | 5.0 - 10.0              | 5                             | 24                | 8                  | 25          |
| 53806832                | M 25 x 1,5                 | 6.0 - 13.0              | 7.5                           | 29                | 8                  | 25          |

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