

|                           |                                       |                                                                                     |
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| 53105110                  | <b>DATA SHEET</b>                     |  |
| Valid from:<br>19.06.2026 | <b>SKINTOP® HYGIENIC / HYGIENIC-R</b> |                                                                                     |

The SKINTOP® HYGIENIC / HYGIENIC-R is a high-quality cable gland that is suitable for hygienic critical areas. The innovative hygienic design prevents food machines, facilities, or component from risk of contamination. The cable gland is suitable for use in applications where mechanical and chemical stability to very aggressive media is required and offers quality and safety in food, pharmaceutical and chemical industry.



#### Material:

|                           |                                       |
|---------------------------|---------------------------------------|
| Gland body                | Stainless steel – V4A (1.4404 / 316L) |
| Cap nut                   | Stainless steel – V4A (1.4404 / 316L) |
| Insert with lamellar cage | Polyamide                             |
| Seals                     | FKM – conform to FDA 21 CFR 177.2600  |

#### Technical features:

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Connecting thread         | M12x1,5 up to M40x1,5 acc. to EN 60423                                                      |
| Protection class          | IP68 – 10 bar, test acc. to EN 60529<br>IP69 acc. to EN 60529                               |
| NEMA Type Rating          | Type 1, Type 2, Type 4X, Type 6, Type 12 acc. to UL50E                                      |
| Strain relief             | Category A                                                                                  |
| Design                    | HYGIENIC Standard<br>HYGIENIC-R with reducing sealing ring<br>(for smaller cable diameters) |
| Temperature range         | -20 °C up to +100 °C                                                                        |
| Clean room classification | ISO1 acc.to EN14644-1/-14 (tested M25x1,5)                                                  |
| Dry room classification   | ISO1 acc.to EN14644-1/-14 (tested M25x1,5)                                                  |

#### Additional features:

Hygienic design  
Product zone (food)

#### Approbations:



UL File Nr. 79903  
(Test in acc. to UL514B)  
UL-approval for sizes M12x1,5 up to M25x1,5

#### Reference standard:

##### DIN EN ISO 14 159

Safety of machinery - Hygiene requirements for the design of machinery

##### DIN EN 1672-2

Food processing machinery - Basic concepts – Part 2: Hygiene requirements

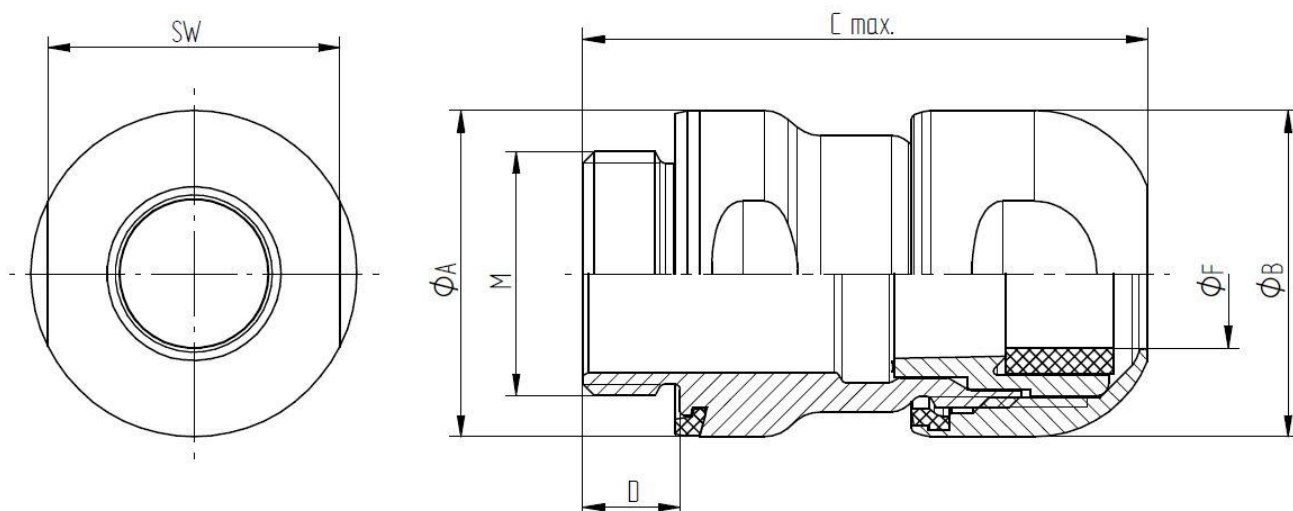


#### Suitable accessories:

SKINDICHT® SM CrNi M

|                               |                                       |             |
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### SKINTOP® HYGIENIC

| Article number | Article description      | M       | SW [mm] | Ø A [mm] | Ø B [mm] | C max. [mm] | D [mm] | Ø F [mm]<br>EN 62444<br>Clamping range | Ø F [mm]<br>EHEDG<br>Clamping range |
|----------------|--------------------------|---------|---------|----------|----------|-------------|--------|----------------------------------------|-------------------------------------|
| 53105100       | SKINTOP HYGIENIC M12x1,5 | M12x1,5 | 16      | 18,8     | 18,8     | 38,4        | 6,5    | 4,0 - 6,0                              | 4,0 - 5,0                           |
| 53105110       | SKINTOP HYGIENIC M16x1,5 | M16x1,5 | 20      | 22,8     | 22,8     | 41,4        | 7      | 6,5 - 9,0                              | 6,5 - 8,0                           |
| 53105120       | SKINTOP HYGIENIC M20x1,5 | M20x1,5 | 24      | 26,8     | 26,8     | 46,4        | 8      | 9,0 - 12,0                             | 9,0 - 10,5                          |
| 53105130       | SKINTOP HYGIENIC M25x1,5 | M25x1,5 | 29      | 31,8     | 31,8     | 48,9        | 8      | 11,5 - 15,5                            | 11,5 - 14,0                         |
| 53105140       | SKINTOP HYGIENIC M32x1,5 | M32x1,5 | 36      | 39,6     | 39       | 56          | 9      | 16,0 - 20,0                            | 16,0 - 18,0                         |
| 53105141       | SKINTOP HYGIENIC M40x1,5 | M40x1,5 | 45      | 49       | 49       | 62          | 9      | 22,0 - 27,0                            | 22,0 - 24,0                         |

### SKINTOP® HYGIENIC-R

| Article number | Article description        | M       | SW [mm] | Ø A [mm] | Ø B [mm] | C max. [mm] | D [mm] | Ø F [mm]<br>EN 62444<br>Clamping range | Ø F [mm]<br>EHEDG<br>Clamping range |
|----------------|----------------------------|---------|---------|----------|----------|-------------|--------|----------------------------------------|-------------------------------------|
| 53105200       | SKINTOP HYGIENIC-R M12x1,5 | M12x1,5 | 16      | 18,8     | 18,8     | 38,4        | 6,5    | 3,0 - 4,5                              | 3,0 - 4,5                           |
| 53105210       | SKINTOP HYGIENIC-R M16x1,5 | M16x1,5 | 20      | 22,8     | 22,8     | 41,4        | 7      | 4,5 - 7,0                              | 4,5 - 7,0                           |
| 53105220       | SKINTOP HYGIENIC-R M20x1,5 | M20x1,5 | 24      | 26,8     | 26,8     | 46,4        | 8      | 7,0 - 10,0                             | 7,0 - 10,0                          |
| 53105230       | SKINTOP HYGIENIC-R M25x1,5 | M25x1,5 | 29      | 31,8     | 31,8     | 48,9        | 8      | 9,0 - 12,5                             | 9,5 - 12,5                          |
| 53105240       | SKINTOP HYGIENIC-R M32x1,5 | M32x1,5 | 36      | 39,6     | 39       | 56          | 9      | 12,5 - 16,5                            | 13,0 - 16,5                         |
| 53105142       | SKINTOP HYGIENIC-R M40x1,5 | M40x1,5 | 45      | 49       | 49       | 62          | 9      | 18,0 - 23,0                            | 18,0 - 22,0                         |

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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