# Double seal cable glands, nickel plated brass

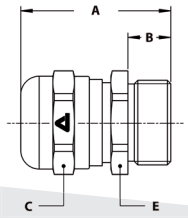
## ANACONDA CABLE GLANDS WITH DOUBLE LAYER SEALS

Anaconda nickel plated brass cable glands contain two clamping seals, one with a larger diameter seal into which a smaller diameter seal fits. Both seals are made of V0 rated EPDM rubber, tested and certified in compliance with EN45545-2, Hazard Level (HL1 / HL2 / HL3) for rail applications. When a larger diameter cable is used the larger diameter seal can be used on its own and when a smaller diameter cable is used both clamping seals are required with the smaller one inserted inside the larger one. Both seals are supplied standard as part of the cable gland. The double seal cable glands can also be used with braided cables for EMC applications by simply folding the end of the braid over the top of the clamping seal(s) before mounting.

### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 3 parts (body, counter nut and double clamping seal).
**Material:** The body and counter nut are nickel plated brass. The clamping seals are made from EPDM rubber.

**Special approvals:** The cable-hose fittings have clamping seals from flame retardant V0-rated EPDM rubber and are HL 1, HL 2 and HL 3 according EN 45545-2, R22 and R23.
**Temperature:** -55 °C till +125 °C continuous.
**Protection class:** IP 68.
**Colour:** Metal coloured.




ISO cable gland, male, nickel plated brass
(with double layer EPDM seal)

| THREAD ISO | CLAMPING RANGE (MM) | | DIMENSIONS IN MM | | | | | STANDARD PACKAGE | ARTICLE NUMBER | WEIGHT (KG/100) |
|---|---|---|---|---|---|---|---|---|---|---|
| | S 1 + S 2 | S 1 | A | B | C | D | E | | | |
| M12 x 1,5 | 1,0 - 4,0 | 4,0 - 6,5 | 29 | 9 | 14 | - | 14 | 10 | 726.712.1 | 1,9 |
| M16 x 1,5 | 1,0 - 4,0 | 4,0 - 6,5 | 30 | 10 | 14 | - | 18 | 10 | 726.713.1 | 2,7 |
| M16 x 1,5 | 4,0 - 6,5 | 6,5 - 9,5 | 32 | 10 | 17 | - | 18 | 10 | 726.716.1 | 3 |
| M20 x 1,5 | 4,0 - 6,5 | 6,5 - 9,5 | 32 | 10 | 17 | - | 22 | 10 | 726.717.1 | 3,7 |
| M20 x 1,5 | 6,0 - 9,0 | 9,0 - 13 | 35 | 10 | 22 | - | 22 | 10 | 726.720.1 | 3,8 |
| M25 x 1,5 | 6,0 - 9,0 | 9,0 - 13 | 36 | 10 | 22 | - | 27 | 5 | 726.722.1 | 5,3 |
| M25 x 1,5 | 11 - 14 | 14 - 18 | 38 | 10 | 27 | - | 27 | 5 | 726.725.1 | 5,8 |
| M32 x 1,5 | 11 - 14 | 14 - 18 | 40 | 12 | 27 | - | 35 | 5 | 726.728.1 | 9 |
| M32 x 1,5 | 16 - 20 | 20 - 25 | 42 | 12 | 35 | - | 35 | 5 | 726.732.1 | 9,9 |
| M40 x 1,5 | 16 - 20 | 20 - 25 | 43 | 13 | 35 | - | 43 | 2 | 726.735.1 | 14,3 |
| M40 x 1,5 | 22 - 27 | 27 - 32 | 45 | 13 | 43 | - | 43 | 2 | 726.740.1 | 15,2 |
| M50 x 1,5 | 22 - 27 | 27 - 32 | 46 | 14 | 43 | - | 55 | 2 | 726.745.1 | 21,5 |
| M50 x 1,5 | 30 - 35 | 35 - 40 | 50 | 14 | 53 | - | 55 | 2 | 726.750.1 | 23 |

# Double seal cable glands, nickel plated brass, UL / CSA

## ANACONDA CABLE GLANDS UL / CSA , NICKEL PLATED BRASS, WITH DOUBLE LAYER SEALS

Anaconda nickel plated brass cable glands contain two clamping seals, one with a larger diameter seal into which a smaller diameter seal fits. Both seals are made of V0 rated EPDM rubber, tested and certified in compliance with EN45545-2, Hazard Level (HL1 / HL2 / HL3) for rail applications. When a larger diameter cable is used the larger diameter seal can be used on its own and when a smaller diameter cable is used both clamping seals are required with the smaller one inserted inside the larger one. Both seals are supplied standard as part of the cable gland. The double seal cable glands can also be used with braided cables for EMC applications by simply folding the end of the braid over the top of the clamping seal(s) before mounting. The cable glands are UL / CSA approved for export outside Europe and have an extra robust counter nut, as well as an increased clamping strength.

### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 3 parts (body, counter nut and double clamping seal).

**Material:** The body and counter nut are nickel plated brass. The clamping seals are made from EPDM rubber.

**Special approvals:** UL-514B and CSA C 22.2 (combined UL / CSA file # E 500099), suitable for use in hazardous environments according NEC:

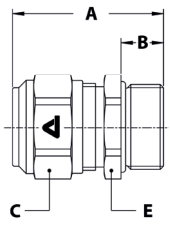
- Article 501.10 (B) (2) Class I, Division 2.
- Article 502.10 (A) (2) and (B) (2).
  Class II, Division 1 and 2.
- Article 503.10 (A) (3) and (B).
  Class III, Division 1 and 2.

Suitable for rail applications HL 1, HL 2 and HL 3 according EN 45545-2, R22 and R23.

**Temperature:** -45 °C till +105 °C continuous.

**Protection class:** IP 68.

**Colour:** Metal.



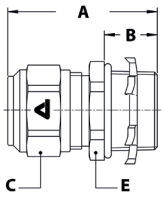

ISO cable gland, male, nickel plated brass
(with double layer EPDM seal)

| THREAD ISO | CLAMPING RANGE (MM) | | DIMENSIONS IN MM | | | | | STANDARD PACKAGE | ARTICLE NUMBER | WEIGHT (KG/100) |
|---|---|---|---|---|---|---|---|---|---|---|
| | S 1 + S 2* | S 1 | A | B | C | D | E | | | |
| M16 x 1,5 | 4,0 - 6,5 | 6,5 - 8,5 | 32 | 10 | 17 | - | 18 | 10 | 736.716.1** | 3 |
| M20 x 1,5 | 4,0 - 6,5 | 6,5 - 8,5 | 32 | 10 | 17 | - | 22 | 10 | 736.717.1 | 3,7 |
| M20 x 1,5 | 6,0 - 9,0 | 9,0 - 12 | 35 | 10 | 22 | - | 22 | 10 | 736.720.1 | 3,8 |
| M25 x 1,5 | 6,0 - 9,0 | 9,0 - 12 | 36 | 10 | 22 | - | 27 | 5 | 736.722.1 | 5,3 |
| M25 x 1,5 | 10,5 - 14 | 14 - 17 | 38 | 10 | 27 | - | 27 | 5 | 736.725.1 | 5,8 |
| M32 x 1,5 | 10,5 - 14 | 14 - 17 | 40 | 12 | 27 | - | 35 | 5 | 736.728.1 | 9 |
| M32 x 1,5 | 15,5 - 20 | 20 - 24 | 42 | 12 | 35 | - | 35 | 5 | 736.732.1 | 9,9 |
| M40 x 1,5 | 15,5 - 20 | 20 - 24 | 43 | 13 | 35 | - | 43 | 2 | 736.735.1 | 14,3 |
| M40 x 1,5 | 22 - 27 | 27 - 31 | 45 | 13 | 43 | - | 43 | 2 | 736.740.1 | 15,2 |
| M50 x 1,5 | 22 - 27 | 27 - 31 | 46 | 14 | 43 | - | 55 | 2 | 736.745.1 | 21,5 |
| M50 x 1,5 | 29,5 - 35 | 35 - 40 | 50 | 14 | 53 | - | 55 | 2 | 736.750.1 | 23 |

* For UL / CSA applications requiring a pull out strength of 159 N, increase the indicated minimum clamping diameter for the double seal with 1,5 mm.

** Size M16x1,5 with UL recognition (UR) instead of UL listing.

## DOUBLE SEAL CABLE GLANDS, NICKEL PLATED BRASS, UL / CSA




NPT cable gland, male, nickel plated brass (with double layer EPDM seal) including NBR flat seal and galvanised steel locknut

| THREAD NPT | CLAMPING RANGE (MM) | | DIMENSIONS IN MM | | | | | STANDARD PACKAGE | ARTICLE NUMBER | WEIGHT (KG/100) |
|---|---|---|---|---|---|---|---|---|---|---|
| | S 1 + S 2* | S 1 | A | B | C | D | E | | | |
| 1/2" NPT | 4,0 - 6,5 | 6,5 - 8,5 | 36 | 14 | 17 | - | 24 | 10 | 738.712.2 | 4,6 |
| 1/2" NPT | 6,0 - 9,0 | 9,0 - 12 | 39 | 14 | 22 | - | 24 | 10 | 738.716.2 | 5,1 |
| 3/4" NPT | 6,0 - 9,0 | 9,0 - 12 | 40 | 14 | 22 | - | 30 | 5 | 738.718.2 | 6,8 |
| 3/4" NPT | 10,5 - 14 | 14 - 17 | 42 | 14 | 27 | - | 30 | 5 | 738.720.2 | 7,3 |
| 1" NPT | 10,5 - 14 | 14 - 17 | 44 | 16 | 27 | - | 38 | 5 | 738.723.2 | 10,9 |
| 1" NPT | 15,5 - 20 | 20 - 24 | 46 | 16 | 35 | - | 38 | 5 | 738.726.2 | 11,8 |
| 1.1/4" NPT | 15,5 - 20 | 20 - 24 | 46 | 16 | 35 | - | 48 | 2 | 738.730.2 | 17,5 |
| 1.1/4" NPT | 22 - 27 | 27 - 31 | 48 | 16 | 43 | - | 48 | 2 | 738.735.2 | 18,5 |
| 1.1/2" NPT | 22 - 27 | 27 - 31 | 50 | 18 | 43 | - | 55 | 2 | 738.738.2 | 23,5 |
| 1.1/2" NPT | 29,5 - 35 | 35 - 40 | 64 | 18 | 53 | - | 55 | 2 | 738.740.2 | 30 |

* For UL / CSA applications requiring a pull out strength of 159 N, increase the indicated minimum clamping diameter for the double seal with 1,5 mm.

# Double seal cable glands, stainless steel AISI-316, UL / CSA

## ANACONDA CABLE GLANDS UL / CSA , STAINLESS STEEL AISI-316, WITH DOUBLE LAYER SEALS

Anaconda stainless steel AISI-316 cable glands contain two clamping seals, one with a larger diameter seal into which a smaller diameter seal fits. Both seals are made of V0 rated EPDM rubber, tested and certified in compliance with EN45545-2, Hazard Level (HL1 / HL2 / HL3) for rail applications. When a larger diameter cable is used the larger diameter seal can be used on its own and when a smaller diameter cable is used both clamping seals are required with the smaller one inserted inside the larger one. The double seal cable glands can also be used with braided cables for EMC applications by simply folding the end of the braid over the top of the clamping seal(s) before mounting. Both seals are supplied standard as part of the cable gland. The cable glands are UL / CSA approved for export outside Europe and have an extra robust counter nut, as well as an increased clamping strength.

### Material & Construction:

**Construction:** Stainless steel AISI-316 fitting, consisting of 3 parts (body, counter nut and double clamping seal).

**Material:** The body and counter nut are stainless steel AISI-316. The clamping seals are made from EPDM rubber.

**Special approvals:** UL-514B and CSA C 22.2 (combined UL / CSA file # E 500099), suitable for use in hazardous environments according NEC:

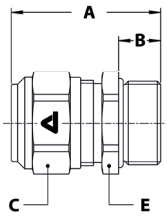
- Article 501.10 (B) (2) Class I, Division 2.
- Article 502.10 (A) (2) and (B) (2).
  Class II, Division 1 and 2.
- Article 503.10 (A) (3) and (B)
  Class III, Division 1 and 2.

For rail applications HL 1, HL 2 and HL 3 according EN 45545-2, R22 and R23.

**Temperature:** -45 °C till +105 °C continuous.

**Protection class:** IP 68.

**Colour:** Metal.



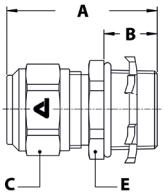

ISO cable gland, male, stainless steel AISI-316
(with double layer EPDM seal)

| THREAD ISO | CLAMPING RANGE (MM) | | DIMENSIONS IN MM | | | | | STANDARD PACKAGE | ARTICLE NUMBER | WEIGHT (KG/100) |
|---|---|---|---|---|---|---|---|---|---|---|
| | S 1 + S 2* | S 1 | A | B | C | D | E | | | |
| M16 x 1,5 | 4,0 - 6,5 | 6,5 - 8,5 | 32 | 10 | 17 | - | 18 | 10 | 736.716.9** | 3,0 |
| M20 x 1,5 | 4,0 - 6,5 | 6,5 - 8,5 | 32 | 10 | 17 | - | 22 | 10 | 736.717.9 | 3,7 |
| M20 x 1,5 | 6,0 - 9,0 | 9,0 - 12 | 35 | 10 | 22 | - | 22 | 10 | 736.720.9 | 3,8 |
| M25 x 1,5 | 6,0 - 9,0 | 9,0 - 12 | 36 | 10 | 22 | - | 27 | 5 | 736.722.9 | 5,3 |
| M25 x 1,5 | 10,5 - 14 | 14 - 17 | 38 | 10 | 27 | - | 27 | 5 | 736.725.9 | 5,8 |
| M32 x 1,5 | 10,5 - 14 | 14 - 17 | 40 | 12 | 27 | - | 35 | 5 | 736.728.9 | 9,0 |
| M32 x 1,5 | 15,5 - 20 | 20 - 24 | 42 | 12 | 35 | - | 35 | 5 | 736.732.9 | 9,9 |
| M40 x 1,5 | 15,5 - 20 | 20 - 24 | 43 | 13 | 35 | - | 43 | 2 | 736.735.9 | 14,3 |
| M40 x 1,5 | 22 - 27 | 27 - 31 | 45 | 13 | 43 | - | 43 | 2 | 736.740.9 | 15,2 |
| M50 x 1,5 | 22 - 27 | 27 - 31 | 46 | 14 | 43 | - | 55 | 2 | 736.745.9 | 21,5 |
| M50 x 1,5 | 29,5 - 35 | 35 - 40 | 50 | 14 | 53 | - | 55 | 2 | 736.750.9 | 23,0 |

* For UL / CSA applications requiring a pull out strength of 159 N, increase the indicated minimum clamping diameter for the double seal with 1,5 mm.

** Size M16x1,5 with UL recognition (UR) instead of UL listing.

## DOUBLE SEAL CABLE GLANDS, STAINLESS STEEL AISI-316, UL / CSA




NPT cable gland, male, stainless steel AISI-316 (with double layer EPDM seal) including NBR flat seal and stainless steel AISI-304 locknut

| THREAD NPT | CLAMPING RANGE (MM) | | DIMENSIONS IN MM | | | | | STANDARD PACKAGE | ARTICLE NUMBER | WEIGHT (KG/100) |
|---|---|---|---|---|---|---|---|---|---|---|
| | S 1 + S 2* | S 1 | A | B | C | D | E | | | |
| 1/2" NPT | 4,0 - 6,5 | 6,5 - 8,5 | 36 | 14 | 17 | - | 24 | 10 | 738.712.92 | 4,6 |
| 1/2" NPT | 6,0 - 9,0 | 9,0 - 12 | 39 | 14 | 22 | - | 24 | 10 | 738.716.92 | 5,1 |
| 3/4" NPT | 6,0 - 9,0 | 9,0 - 12 | 40 | 14 | 22 | - | 30 | 5 | 738.718.92 | 6,8 |
| 3/4" NPT | 10,5 - 14 | 14 - 17 | 42 | 14 | 27 | - | 30 | 5 | 738.720.92 | 7,3 |
| 1" NPT | 10,5 - 14 | 14 - 17 | 44 | 16 | 27 | - | 38 | 5 | 738.723.92 | 10,9 |
| 1" NPT | 15,5 - 20 | 20 - 24 | 46 | 16 | 35 | - | 38 | 5 | 738.726.92 | 11,8 |
| 1.1/4" NPT | 15,5 - 20 | 20 - 24 | 46 | 16 | 35 | - | 48 | 2 | 738.730.92 | 17,5 |
| 1.1/4" NPT | 22 - 27 | 27 - 31 | 48 | 16 | 43 | - | 48 | 2 | 738.735.92 | 18,5 |
| 1.1/2" NPT | 22 - 27 | 27 - 31 | 50 | 18 | 43 | - | 55 | 2 | 738.738.92 | 23,5 |
| 1.1/2" NPT | 29,5 - 35 | 35 - 40 | 64 | 18 | 53 | - | 55 | 2 | 738.740.92 | 30 |

* For UL / CSA applications requiring a pull out strength of 159 N, increase the indicated minimum clamping diameter for the double seal with 1,5 mm.