



# Weather proof series

---





CS... CSG... series junction boxes are made from aluminium alloy and given an electrostatically applied epoxy coating containing stainless steel particles that is then baked at 200°C. This treatment ensures good UV as well as thermal stability, providing mechanical impact resistance and excellent resistance when exposed either to salt mist or to marine and other damp environments. CS and CSG series junction boxes are usually installed in industrial plants and they are mainly used as junction boxes and/or for routing cables to control rooms for analogue or digital signals and for control, monitoring and signalling associated with equipment such as motors, pumps...etc., or for giving physical readings such as flow rate, level, temperature, pressure, etc.... The thickness of its walls (7mm) means the CSG series is suitable for direct connection with pipes and fittings featuring tapered threads. Upon customer's request threaded hubs or bushings, complete with cable glands, plugs and other accessories, can be made.


**Standard construction:**

Low copper content aluminium alloy.  
 Stainless steel screws and bolts.  
 Silicone gasket.  
 Internal/external earth screws.  
 Fixing lugs.  
 RAL 7035 polyester coating.

**Protection degree:**

IP 66

**Mechanical strenght:**

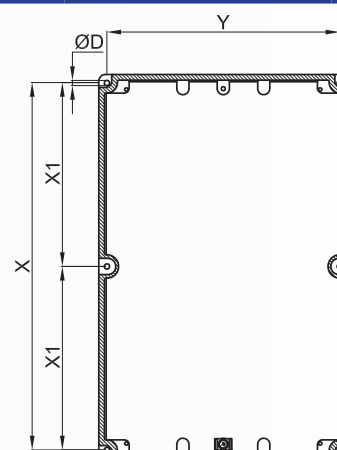
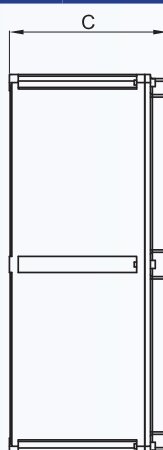
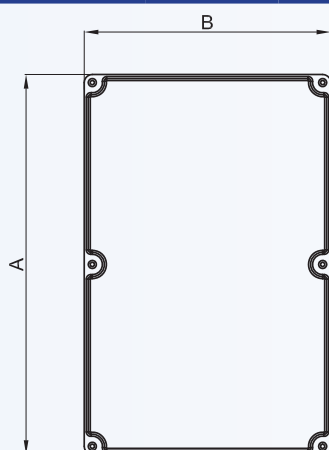
IK10

**Standards:**

IEC 60529

**ALUMINIUM ENCLOSURES SELECTION CHART**

| Code      | Outside dimensions |     |     | Fixing |     |       |     | Weight<br>Kg |
|-----------|--------------------|-----|-----|--------|-----|-------|-----|--------------|
|           | A                  | B   | C   | X      | Y   | X1    | ØD  |              |
| CS090907  | 90                 | 90  | 73  | 74     | 74  | -     | 6,5 | 0,40         |
| CS111108  | 110                | 110 | 83  | 94     | 94  | -     | 6,5 | 0,50         |
| CSG111108 | 110                | 110 | 83  | 94     | 94  | -     | 6,5 | 0,75         |
| CS171108  | 170                | 110 | 83  | 154    | 94  | -     | 6,5 | 0,80         |
| CSG171108 | 170                | 110 | 83  | 154    | 94  | -     | 6,5 | 1,55         |
| CS141410  | 147                | 147 | 100 | 131    | 131 | -     | 6,5 | 0,80         |
| CSG141410 | 147                | 147 | 100 | 131    | 131 | -     | 6,5 | 1,40         |
| CS202012  | 200                | 200 | 120 | 180    | 180 | -     | 6,5 | 1,70         |
| CS301410  | 305                | 147 | 110 | 285    | 127 | -     | 6,5 | 2,00         |
| CSG301410 | 305                | 147 | 110 | 285    | 127 | -     | 6,5 | 2,70         |
| CS302310  | 305                | 230 | 110 | 285    | 210 | -     | 6,5 | 2,80         |
| CSG302310 | 305                | 230 | 100 | 285    | 210 | -     | 6,5 | 3,40         |
| CS302318  | 305                | 230 | 190 | 285    | 210 | -     | 6,5 | 3,50         |
| CSG302318 | 305                | 230 | 190 | 285    | 210 | -     | 6,5 | 5,30         |
| CS473018  | 475                | 305 | 195 | 450    | 285 | 225   | 6,5 | 6,50         |
| CSG473018 | 475                | 305 | 195 | 450    | 285 | 225   | 6,5 | 8,90         |
| CSG623018 | 625                | 305 | 195 | 605    | 285 | 302,5 | 6,5 | 11,3         |
| CSG606018 | 600                | 600 | 205 | 580    | 580 | 290   | 6,5 | 27,0         |



**ACCESSORIES UPON REQUEST**

| ILLUSTRATION                                                                        | DESCRIPTION                                                                                                                                 | MODEL                           | SIZE                      |     | CODE     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------|-----|----------|
|                                                                                     |                                                                                                                                             |                                 | A                         | B   |          |
|    | Internal mounting plates<br><br>Thickness 25/10<br>Aluminium<br><br>Galvanized steel<br>(B...-229AC)<br><br>Stainless steel<br>(B...-229IN) | CS090907                        | 82                        | 48  | B09-229  |
|                                                                                     |                                                                                                                                             | CSG090907                       | 73                        | 48  | B09-229P |
|                                                                                     |                                                                                                                                             | CS111108                        | 100                       | 68  | B11-229  |
|                                                                                     |                                                                                                                                             | CSG111108                       | 92                        | 68  | B11-229P |
|                                                                                     |                                                                                                                                             | CS141410                        | 137                       | 105 | B14-229  |
|                                                                                     |                                                                                                                                             | CSG141410                       | 129                       | 105 | B14-229P |
|                                                                                     |                                                                                                                                             | CS171108                        | 159                       | 67  | B17-229  |
|                                                                                     |                                                                                                                                             | CS202012                        | 186                       | 146 | B20-229  |
|                                                                                     |                                                                                                                                             | CS/CSG301410                    | 285                       | 97  | B31-229  |
|                                                                                     |                                                                                                                                             | CS/CSG302310<br>CS/CSG302318    | 285                       | 180 | B32-229  |
|                                                                                     |                                                                                                                                             | CS/CSG473018                    | 453                       | 254 | B43-229  |
|                                                                                     |                                                                                                                                             | CS/CSG623018                    | 603                       | 249 | B63-229  |
|                                                                                     |                                                                                                                                             | CSG606018                       | 532                       | 532 | B60-229  |
| ILLUSTRATION                                                                        | DESCRIPTION                                                                                                                                 | MODEL                           | CHARACTERISTICS           |     | CODE     |
|    | Breather and drain valve                                                                                                                    | Thread diameter<br>ISO 7-R 3/8" | Material: stainless steel |     | ECD-210S |
|   | Hinges<br>(2 per enclosure)                                                                                                                 | Low lid enclosures              | Material: stainless steel |     | B-0105   |
|                                                                                     |                                                                                                                                             | High lid enclosures             |                           |     | B-0106   |
|  | Hinges<br>(2 per enclosure)                                                                                                                 | SAG606018                       | Material: stainless steel |     | K-0351   |

**CS and CSG series enclosures**

Models from CS...series (lightweight series)

Thinner walls

The body can only accommodate through holes with no threading



Models from CSG...series (heavy-duty series)

Extra-thick walls

The body can also accommodate threaded holes



CS/P series junction boxes are made from fibreglass-reinforced polyester. Because they are highly resistant to contamination from fuel oils and mechanical shock, in addition to being lightweight and practical, they can be installed in all industrial plants. The enclosures have special holes made in the base for easy wall mounting. The lid features a silicone gasket that is resistant to low and high temperatures and comes complete with AISI 304 stainless steel screws, which are arranged around the outside of the lid to ensure a tight seal with the IP66 rating. CS/P series enclosures are mainly used as junction boxes for routing cables for analogue or digital signals and/or for control and monitoring associated with equipment such as motors, fans, pumps and/or for giving physical readings such as flow rate, level, pressure, temperature, current, etc..


**Standard construction:**

GRP (glass reinforced polyester resin) in RAL 9017 black coating.  
 Stainless steel screws and bolts.  
 Silicone gasket.  
 Fixing lugs.

**Protection degree:**

IP 66

**Mechanical strenght:**

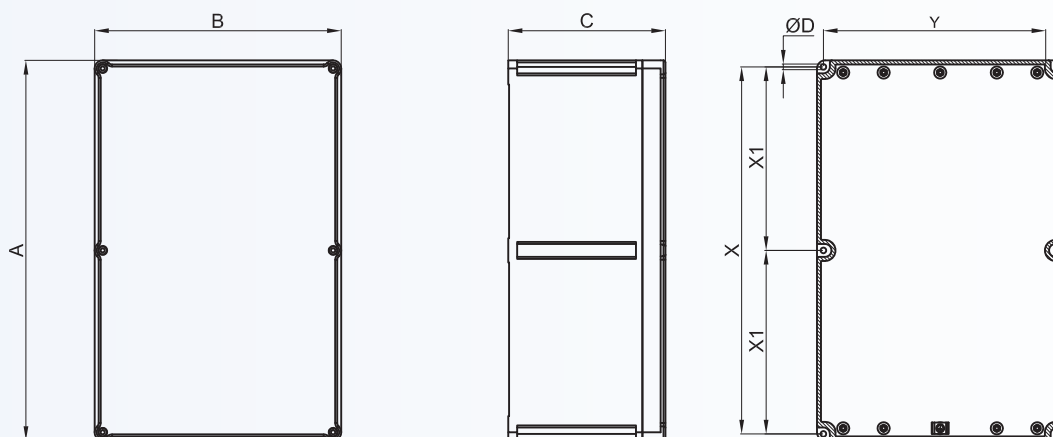
IK10

**Standards:**

IEC 60529

**POLYESTER ENCLOSURES SELECTION CHART**

| Code       | Outside dimension |     |     | Fixing |     |         |     | Weight<br>Kg |
|------------|-------------------|-----|-----|--------|-----|---------|-----|--------------|
|            | A                 | B   | C   | X      | Y   | X1      | ØD  |              |
| CS090907/P | 90                | 90  | 73  | 74     | 74  | -       | 6,5 | 0,30         |
| CS111108/P | 110               | 110 | 83  | 94     | 94  | -       | 6,5 | 0,40         |
| CS171108/P | 170               | 110 | 83  | 154    | 94  | -       | 6,5 | 0,80         |
| CS141410/P | 147               | 147 | 100 | 131    | 131 | -       | 6,5 | 1,00         |
| CS301410/P | 305               | 147 | 110 | 285    | 127 | -       | 6,5 | 1,90         |
| CS302310/P | 305               | 230 | 110 | 285    | 210 | -       | 6,5 | 2,50         |
| CS302318/P | 305               | 230 | 190 | 285    | 210 | -       | 6,5 | 3,10         |
| CS473018/P | 470               | 305 | 195 | 450    | 285 | 225     | 6,5 | 4,70         |
| CS623018/P | 620               | 305 | 185 | 560    | 285 | 260-300 | 8   | 6,30         |



**ACCESSORIES UPON REQUEST**

| ILLUSTRATION                                                                        | DESCRIPTION                                                                                                                                 | MODEL                                         | SIZE                      |     | CODE            |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------|-----|-----------------|
|                                                                                     |                                                                                                                                             |                                               | A                         | B   |                 |
|    | Internal mounting plates<br><br>Thickness 2.5mm<br>Aluminium<br><br>Galvanized steel<br>(B...-229AC)<br><br>Stainless steel<br>(B...-229IN) | CS090907/P                                    | 82                        | 48  | <b>B09-229</b>  |
|                                                                                     |                                                                                                                                             | CS111108/P                                    | 100                       | 68  | <b>B11-229</b>  |
|                                                                                     |                                                                                                                                             | CS141410/P                                    | 137                       | 105 | <b>B14-229</b>  |
|                                                                                     |                                                                                                                                             | CS171108/P                                    | 159                       | 67  | <b>B17-229</b>  |
|                                                                                     |                                                                                                                                             | CS301410/P                                    | 285                       | 97  | <b>B31-229</b>  |
|                                                                                     |                                                                                                                                             | CS302310/P<br>CS302318/P                      | 285                       | 180 | <b>B32-229</b>  |
|                                                                                     |                                                                                                                                             | CS473018/P                                    | 453                       | 254 | <b>B43-229</b>  |
|                                                                                     |                                                                                                                                             | CS623018/P                                    | 603                       | 249 | <b>B63-229</b>  |
| ILLUSTRATION                                                                        | DESCRIPTION                                                                                                                                 | MODEL                                         | CHARACTERISTICS           |     | CODE            |
|    | Breather and drain valve                                                                                                                    | Thread diameter<br>ISO 7-R 3/8"               | Material: stainless steel |     | <b>ECD-210S</b> |
|    | Hinges<br>(2 per enclosure)                                                                                                                 | Low lid enclosures                            | Material: stainless steel |     | <b>B-0105</b>   |
|                                                                                     |                                                                                                                                             | High lid enclosures                           |                           |     | <b>B-0106</b>   |
|   | Through earth connection                                                                                                                    | M8                                            | Material: stainless steel |     | <b>K-0307/1</b> |
|                                                                                     |                                                                                                                                             | M6                                            |                           |     | <b>K-0307/2</b> |
|  | Brass continuity plates for earthing                                                                                                        | For models and codes see the following scheme |                           |     | <b>B-...</b>    |

**CONTINUITY PLATES**

| Enclosure  | Plate code | Plate code |            |
|------------|------------|------------|------------|
|            |            | Long side  | Short side |
| SA090907/P | B-388      | B-455      |            |
| SA111108/P | B-389      | B-456      |            |
| SA141410/P | B-390      | B-457      |            |
| SA171108/P | B-391      | B-458      | B-456      |
| SA301410/P | B-392      | B-459      | B-457      |
| SA302310/P | B-393      | B-459      | B-460      |
| SA302318/P | B-394      | B-461      | B-462      |
| SA473018/P | B-395      | (2x) B-462 | B-461      |
| SA623018/P | -          | (2x) B-463 | B-463      |



Economic junction boxes, are used as pulling or junction boxes in areas where there is no danger of explosion, but it is required a specific protection to prevent the entry of solids and liquids. They are stainless steel made and can be installed in chemical and off-shore plants and where is a strong external agents' aggression. Upon specific request they can be supplied with terminal blocks and copper rods for earth connections. Upon customer request threaded hubs or bushings, complete with cable glands, plugs and other accessories both on the enclosure's side and on specific removable flanges, can be made.

**Standard construction:**

Stainless steel AISI 316L  
 Stainless steel bolts and screws  
 Silicone gasket  
 Fixing lugs

**Degree of protection:**

IP 66

**Mechanical strenght:**

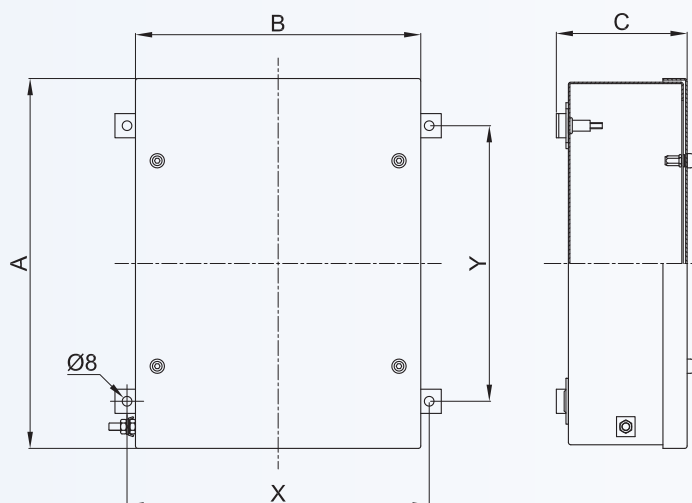
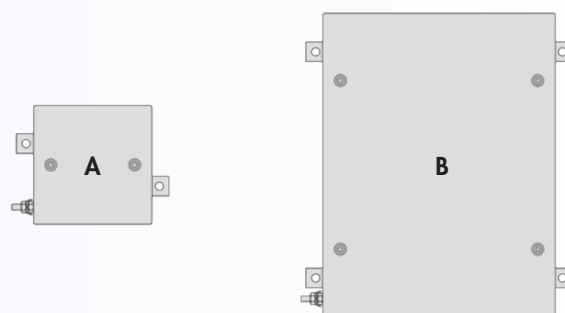
IK10

**Standards:**

IEC 60529

### STAINLESS STEEL ENCLOSURES SELECTION CHART

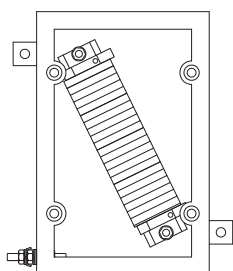
| Code        | Outside dimensions |     |     | Fixing |     | ØD | Weight Kg |
|-------------|--------------------|-----|-----|--------|-----|----|-----------|
|             | A                  | B   | C   | X      | Y   |    |           |
| CTBEW121208 | 120                | 120 | 90  | 135    | 42  | A  |           |
| CTBEW151208 | 150                | 120 | 90  | 135    | 73  | A  |           |
| CTBEW151509 | 150                | 150 | 100 | 165    | 73  | A  |           |
| CTBEW191509 | 190                | 150 | 100 | 165    | 113 | A  |           |
| CTBEW191910 | 190                | 190 | 100 | 165    | 73  | A  |           |
| CTBEW221513 | 229                | 152 | 140 | 205    | 113 | A  |           |
| CTBEW262610 | 258                | 258 | 110 | 273    | 181 | B  |           |
| CTBEW262616 | 258                | 258 | 170 | 273    | 181 | B  |           |
| CTBEW262620 | 258                | 258 | 210 | 273    | 181 | B  |           |
| CTBEW301410 | 306                | 146 | 110 | 160    | 228 | B  |           |
| CTBEW302310 | 306                | 236 | 110 | 250    | 228 | B  |           |
| CTBEW303010 | 306                | 306 | 110 | 320    | 228 | B  |           |
| CTBEW303016 | 306                | 306 | 170 | 320    | 228 | B  |           |
| CTBEW303020 | 306                | 306 | 210 | 320    | 228 | B  |           |
| CTBEW381612 | 380                | 160 | 130 | 175    | 303 | B  |           |
| CTBEW382610 | 380                | 260 | 110 | 275    | 303 | B  |           |
| CTBEW382616 | 380                | 260 | 170 | 275    | 303 | B  |           |
| CTBEW382620 | 380                | 260 | 210 | 275    | 303 | B  |           |
| CTBEW402513 | 400                | 250 | 140 | 265    | 323 | B  |           |

**Type**

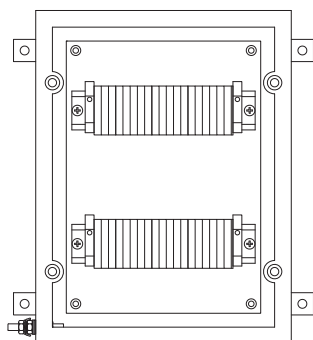
**ACCESSORIES UPON REQUEST**

| ILLUSTRATION                                                                      | DESCRIPTION                                 | MODEL                                     | SIZE                      |     | CODE            |
|-----------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------|---------------------------|-----|-----------------|
|                                                                                   |                                             |                                           | A                         | B   |                 |
|  | Internal mounting plates<br>Stainless steel | CTBEW121208                               | 60                        | 60  | <b>B12-484</b>  |
|                                                                                   |                                             | CTBEW151509                               | 90                        | 90  | <b>B15-484</b>  |
|                                                                                   |                                             | CTBEW191910                               | 130                       | 130 | <b>B19-484</b>  |
|                                                                                   |                                             | CTBEW221513                               | 170                       | 90  | <b>B22-484</b>  |
|                                                                                   |                                             | CTBEW262610<br>CTBEW262616<br>CTBEW262620 | 200                       | 200 | <b>B26-484</b>  |
|                                                                                   |                                             | CTBEW301410                               | 245                       | 85  | <b>B303-484</b> |
|                                                                                   |                                             | CTBEW302310                               | 145                       | 175 | <b>B302-484</b> |
|                                                                                   |                                             | CTBEW303010<br>CTBEW303016<br>CTBEW303020 | 245                       | 245 | <b>B30-484</b>  |
|                                                                                   |                                             | CTBEW382610<br>CTBEW382616<br>CTBEW382620 | 320                       | 200 | <b>B38-484</b>  |
| ILLUSTRATION                                                                      | DESCRIPTION                                 | MODEL                                     | CHARACTERISTICS           |     | CODE            |
|  | Breather and drain valve                    | Thread diameter<br>ISO 7-R 3/8"           | Material: stainless steel |     | <b>ECD-210S</b> |

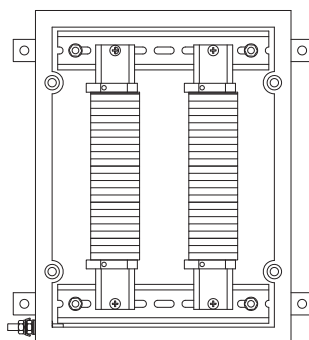
**INSTALLATION EXAMPLE OF INSIDE TERMINAL BLOCKS**



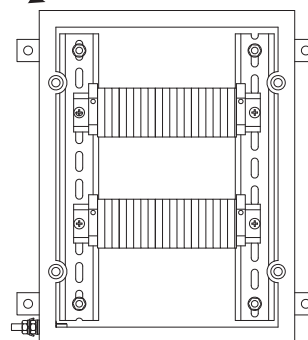
Diagonally and directly installed on internal inserts for greater amount of terminal blocks on small enclosures



Horizontally or vertically, installed on mounting plate in order to minimize oscillations of terminal block in case of external vibrations



Vertically installed on DIN guides for greater cheapness



Horizontally installed on DIN guides for greater cheapness

TEV series cable glands are suitable for use in industrial plant for the direct insertion of non-armoured cables into watertight equipment or junction box.


**Standard construction:**

Nickel-plated brass  
 Sealing ring in silicone material  
 Compression ring in plastic material  
 ISO 7/1, NPT and isometric threads

**Degree of protection:**

IP66/67

**Standards:**

IEC 60529 / IEC 529

**Accessories upon request**

| Locknut *                                                                           | ISO thread | Nichel-plated brass | Galvanized steel | Stainless steel | Nichel-plated brass earthing rings *                                                 | Code            | Adaptors and reducers <b>RE...</b> series                                             |
|-------------------------------------------------------------------------------------|------------|---------------------|------------------|-----------------|--------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
|  | M75x1,5    | <b>DL7IB</b>        | <b>DL7IG</b>     | <b>DL7IS</b>    |  | <b>A7317IB</b>  |  |
|                                                                                     | M90x1,5    | <b>DL8IB</b>        | <b>DL8IG</b>     | <b>DL8IS</b>    |                                                                                      | <b>A8318IB</b>  |                                                                                       |
|                                                                                     | M100x1,5   | <b>DL10IB</b>       | <b>DL10IG</b>    | <b>DL10IS</b>   |                                                                                      | <b>A10310IB</b> |                                                                                       |

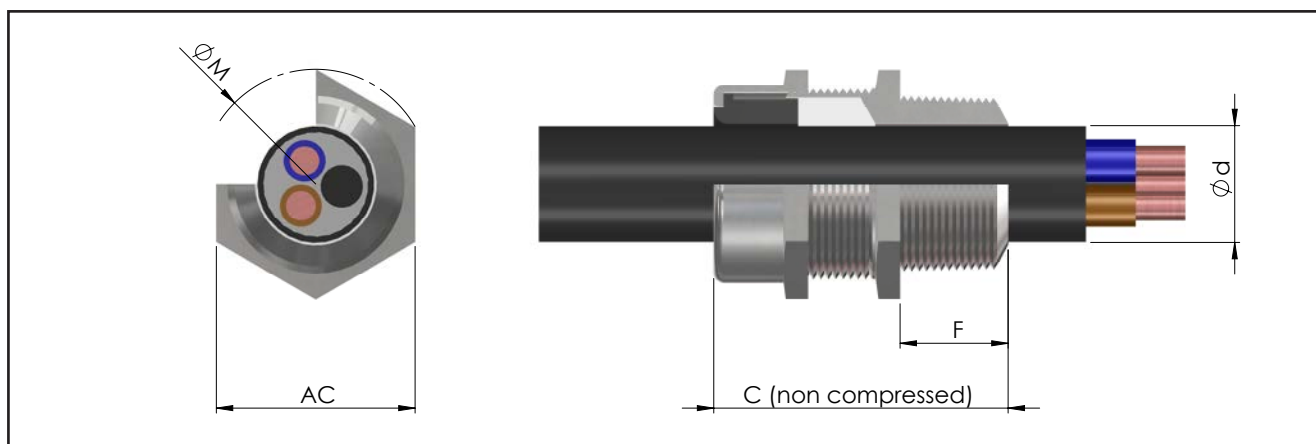
\* For different threads contact the sales office.

**Note**

Shrouds for cable glands upon request.

Idented washer in stainless steel upon request.





### CABLE GLANDS SELECTION CHART

| Code<br>Nichel-plated<br>brass | Thread      | Dimensions in mm |    |    |      | Range                      | Weight |
|--------------------------------|-------------|------------------|----|----|------|----------------------------|--------|
|                                |             | AC               | ØM | F  | C    | Ød min-max<br>Below armour | Kg     |
| TEV01B                         | 3/8" ISO7/1 | 24               | 28 | 15 | 44   | 5 - 10                     | 0,062  |
| TEVL1B                         | 1/2" ISO7/1 | 24               | 28 | 18 | 47   | 5 - 10                     | 0,071  |
| TEV1B                          | 1/2" ISO7/1 | 24               | 28 | 18 | 47   | 7 - 12                     | 0,070  |
| TEV2B                          | 3/4" ISO7/1 | 32               | 37 | 18 | 48,5 | 12 - 18                    | 0,104  |
| TEV3B                          | 1" ISO7/1   | 40               | 47 | 22 | 59,5 | 18 - 24                    | 0,172  |
| TEV4B                          | 1 ¼" ISO7/1 | 48               | 56 | 22 | 60   | 24 - 30                    | 0,252  |
| TEV5B                          | 1 ½" ISO7/1 | 53               | 62 | 24 | 64   | 30 - 35                    | 0,316  |
| TEV6B                          | 2" ISO7/1   | 63               | 73 | 24 | 64   | 35 - 45                    | 0,424  |
| TEV01NB                        | 3/8" NPT    | 24               | 28 | 16 | 45   | 5 - 10                     | 0,062  |
| TEVL1NB                        | 1/2" NPT    | 24               | 28 | 20 | 49   | 5 - 10                     | 0,071  |
| TEV1NB                         | 1/2" NPT    | 24               | 28 | 20 | 49   | 7 - 12                     | 0,070  |
| TEV2NB                         | 3/4" NPT    | 32               | 37 | 20 | 50,5 | 12 - 18                    | 0,104  |
| TEV3NB                         | 1" NPT      | 40               | 47 | 26 | 63,5 | 18 - 24                    | 0,172  |
| TEV4NB                         | 1 ¼" NPT    | 48               | 56 | 26 | 64   | 24 - 30                    | 0,252  |
| TEV5NB                         | 1 ½" NPT    | 53               | 62 | 26 | 66   | 30 - 35                    | 0,316  |
| TEV6NB                         | 2" NPT      | 63               | 73 | 27 | 67   | 35 - 45                    | 0,424  |
| TEV01IB                        | M16x1,5     | 24               | 28 | 16 | 45   | 5 - 10                     | 0,062  |
| TEVL1IB                        | M20x1,5     | 24               | 28 | 16 | 45   | 5 - 10                     | 0,071  |
| TEV1IB                         | M20x1,5     | 24               | 28 | 16 | 45   | 7 - 12                     | 0,070  |
| TEV2IB                         | M25x1,5     | 32               | 37 | 16 | 46,5 | 12 - 18                    | 0,104  |
| TEV3IB                         | M32x1,5     | 40               | 47 | 16 | 53,5 | 18 - 24                    | 0,172  |
| TEV4IB                         | M40x1,5     | 48               | 56 | 16 | 54   | 24 - 30                    | 0,252  |
| TEV5IB                         | M50x1,5     | 53               | 62 | 16 | 56   | 30 - 35                    | 0,316  |
| TEV6IB                         | M63x1,5     | 63/65            | 73 | 18 | 58   | 35 - 45                    | 0,424  |

### Example of order code

|            |          |          |          |
|------------|----------|----------|----------|
| <b>TEV</b> | <b>6</b> | <b>I</b> | <b>B</b> |
| MODEL      | SIZE     | THREAD   | MATERIAL |

### TECHNICAL NOTES:

- For cylindrical threads (ISO metric) it is supplied the silicone O-ring for the IP seal already assembled on cable gland
- Available also in stainless steel (sample code TEV1S)
- Available also in galvanized steel (sample code TEV1G)

TEV series cable glands are suitable for use in industrial plant for the direct insertion of non-armoured cables into watertight equipment or junction box.



**Standard construction:**

Nickel-plated brass  
Sealing ring in silicone material  
Compression ring in plastic material  
ISO 7/1, NPT and isometric threads

**Degree of protection:**

IP66/67

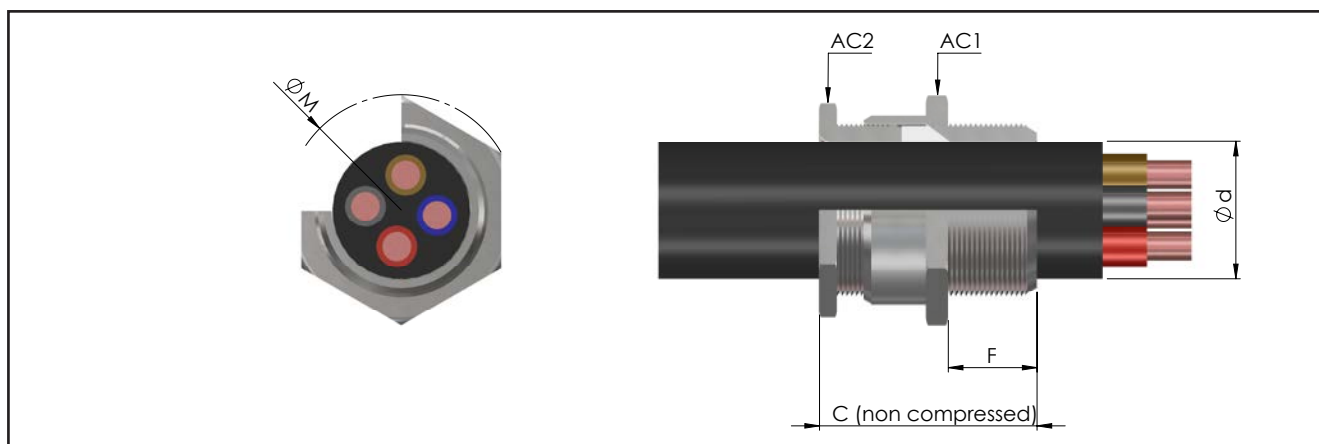
**Standards:**

IEC 60529 / IEC 529

**ACCESSORIES UPON REQUEST**

| Locknuts                                                                            | ISO thread      | Nichel-plated brass | Galvanized steel | Stainless steel                                                                      | Shrouds in black PVC                                                                  | Code                                                                                  |
|-------------------------------------------------------------------------------------|-----------------|---------------------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | M16x1,5         | <b>DL01IB</b>       | <b>DL01IG</b>    | <b>DL01IS</b>                                                                        |  | <b>PGA1F</b>                                                                          |
|                                                                                     | M20x1,5         | <b>DL1IB</b>        | <b>DL1IG</b>     | <b>DL1IS</b>                                                                         |                                                                                       | <b>PGA1F</b>                                                                          |
|                                                                                     | M25x1,5         | <b>DL2IB</b>        | <b>DL2IG</b>     | <b>DL2IS</b>                                                                         |                                                                                       | <b>PGA2R</b>                                                                          |
|                                                                                     | M32x1,5         | <b>DL3IB</b>        | <b>DL3IG</b>     | <b>DL3IS</b>                                                                         |                                                                                       | <b>PGA3</b>                                                                           |
|                                                                                     | M40x1,5         | <b>DL4IB</b>        | <b>DL4IG</b>     | <b>DL4IS</b>                                                                         |                                                                                       | <b>PGA4</b>                                                                           |
|                                                                                     | M50x1,5         | <b>DL5IB</b>        | <b>DL5IG</b>     | <b>DL5IS</b>                                                                         |                                                                                       | <b>PGA5</b>                                                                           |
|                                                                                     | M63x1,5         | <b>DL6IB</b>        | <b>DL6IG</b>     | <b>DL6IS</b>                                                                         |                                                                                       | <b>PGA6R</b>                                                                          |
| Earthing rings in nichel-plated brass *                                             | For ISO threads | Nichel-plated brass | Stainless steel  | Stainless steel idented washers *                                                    | Code                                                                                  | RE... series adaptors and reducers                                                    |
|  | M16x1,5         | <b>A0131IB</b>      | <b>A0131IS</b>   |  | <b>RD101IS/A4</b>                                                                     |  |
|                                                                                     | M20x1,5         | <b>A1311IB</b>      | <b>A1311IS</b>   |                                                                                      | <b>RD11IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M25x1,5         | <b>A2312IB</b>      | <b>A2312IS</b>   |                                                                                      | <b>RD12IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M32x1,5         | <b>A3313IB</b>      | <b>A3313IS</b>   |                                                                                      | <b>RD13IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M40x1,5         | <b>A4314IB</b>      | <b>A4314IS</b>   |                                                                                      | <b>RD14IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M50x1,5         | <b>A5315IB</b>      | <b>A5315IS</b>   |                                                                                      | <b>RD15IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M63x1,5         | <b>A6316IB</b>      | <b>A6316IS</b>   |                                                                                      | <b>RD16IS/A4</b>                                                                      |                                                                                       |

\* For different threading contact our sales office.



**CABLE GLANDS SELECTION TABLE**

| Code<br>Nichel-plated<br>brass | Thread      | Dimensions in mm |     |     |    |       | Range                      | Weight |
|--------------------------------|-------------|------------------|-----|-----|----|-------|----------------------------|--------|
|                                |             | AC1              | AC2 | ØM  | F  | C     | Ød min-max<br>Under armour | Kg     |
| TEV7B                          | 2 ½" ISO7/1 | 84               | 73  | 90  | 30 | 100   | 46 - 55                    | 1,492  |
| TEVS7B                         | 2 ½" ISO7/1 | 90               | 84  | 100 | 30 | 100   | 55 - 62                    | 1,452  |
| TEV8B                          | 3" ISO7/1   | 100              | 94  | 106 | 30 | 100   | 62 - 70                    | 1,944  |
| TEVS8B                         | 3" ISO7/1   | 105              | 98  | 110 | 30 | 100   | 70 - 78                    | 1,791  |
| TEV9B                          | 3 ½" ISO7/1 | 115              | 105 | 120 | 30 | 101   | 76 - 84                    | 2,356  |
| TEVS9B                         | 3 ½" ISO7/1 | 120              | 112 | 125 | 30 | 101   | 84 - 92                    | 2,302  |
| TEV10B                         | 4" ISO7/1   | 115              | 105 | 120 | 30 | 101,5 | 76 - 84                    | 3,010  |
| TEVS10B                        | 4" ISO7/1   | 120              | 112 | 125 | 30 | 101,5 | 84 - 92                    | 2,457  |
| TEV7NB                         | 2 ½" NPT    | 84               | 73  | 90  | 30 | 110   | 46 - 55                    | 1,492  |
| TEVS7NB                        | 2 ½" NPT    | 90               | 84  | 100 | 30 | 110   | 55 - 62                    | 1,452  |
| TEV8NB                         | 3" NPT      | 100              | 94  | 106 | 30 | 112   | 62 - 70                    | 1,944  |
| TEVS8NB                        | 3" NPT      | 105              | 98  | 110 | 30 | 112   | 70 - 78                    | 1,791  |
| TEV9NB                         | 3 ½" NPT    | 115              | 105 | 120 | 30 | 114   | 76 - 84                    | 2,356  |
| TEVS9NB                        | 3 ½" NPT    | 120              | 112 | 125 | 30 | 114   | 84 - 92                    | 2,302  |
| TEV10NB                        | 4" NPT      | 115              | 105 | 120 | 30 | 115,5 | 76 - 84                    | 3,010  |
| TEVS10NB                       | 4" NPT      | 120              | 112 | 125 | 30 | 115,5 | 84 - 92                    | 2,457  |
| TEV7IB                         | M75x1,5     | 84               | 73  | 90  | 30 | 88    | 46 - 55                    | 1,492  |
| TEVS7IB                        | M75x1,5     | 90               | 84  | 100 | 30 | 88    | 55 - 62                    | 1,452  |
| TEV8IB                         | M90x1,5     | 100              | 94  | 106 | 30 | 88    | 62 - 70                    | 1,944  |
| TEVS8IB                        | M90x1,5     | 105              | 98  | 110 | 30 | 88    | 70 - 78                    | 1,791  |
| TEV10IB                        | M100x1,5    | 115              | 105 | 120 | 30 | 89,5  | 76 - 84                    | 3,010  |
| TEVS10IB                       | M100x1,5    | 120              | 112 | 125 | 30 | 89,5  | 84 - 92                    | 2,457  |

### Example of order code

|            |          |          |          |
|------------|----------|----------|----------|
| <b>TEV</b> | <b>7</b> | <b>I</b> | <b>B</b> |
| MODEL      | SIZE     | THREAD   | MATERIAL |

### TECHNICAL NOTES:

- For cylindrical threads (ISO metric) it is supplied the silicone O-ring for the IP seal already assembled on cable gland
- Available also in stainless steel (sample code TEV1S)

TEVL series cable glands are suitable for use in industrial plant for the direct insertion of non-armoured cables into watertight equipment or junction box. This series can accommodate smaller cable diameters than the standard required for each measure. In this way, the use of reductions is avoid.


**Standard construction:**

Nickel-plated brass  
 Sealing ring in silicone material  
 Compression ring in plastic material  
 ISO 7/1, NPT and isometric threads

**Degree of protection:**

IP66/67

**Standards:**

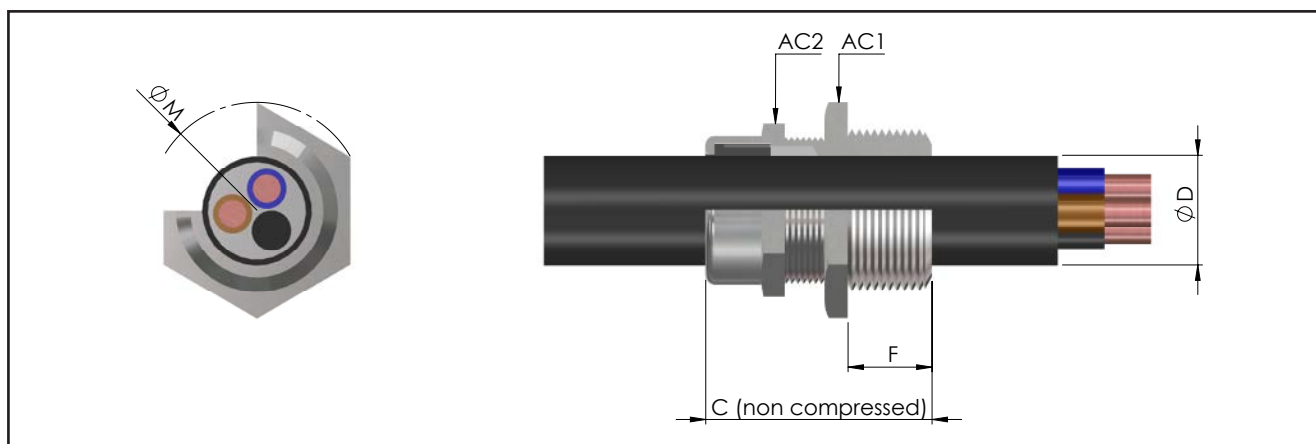
IEC 60529 / IEC 529

**ACCESSORIES UPON REQUEST**

| Locknuts                                                                            | Thread ISO      | Nichel-plated brass | Galvanized steel | Stainless steel                                                                      | Shrouds in black PVC                                                                  | Code                                                                                  |
|-------------------------------------------------------------------------------------|-----------------|---------------------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | M16x1,5         | <b>DL01IB</b>       | <b>DL01IG</b>    | <b>DL01IS</b>                                                                        |  | <b>PGA1F</b>                                                                          |
|                                                                                     | M20x1,5         | <b>DL1IB</b>        | <b>DL1IG</b>     | <b>DL1IS</b>                                                                         |                                                                                       | <b>PGA1F</b>                                                                          |
|                                                                                     | M25x1,5         | <b>DL2IB</b>        | <b>DL2IG</b>     | <b>DL2IS</b>                                                                         |                                                                                       | <b>PGA2R</b>                                                                          |
|                                                                                     | M32x1,5         | <b>DL3IB</b>        | <b>DL3IG</b>     | <b>DL3IS</b>                                                                         |                                                                                       | <b>PGA3</b>                                                                           |
|                                                                                     | M40x1,5         | <b>DL4IB</b>        | <b>DL4IG</b>     | <b>DL4IS</b>                                                                         |                                                                                       | <b>PGA4</b>                                                                           |
|                                                                                     | M50x1,5         | <b>DL5IB</b>        | <b>DL5IG</b>     | <b>DL5IS</b>                                                                         |                                                                                       | <b>PGA5</b>                                                                           |
|                                                                                     | M63x1,5         | <b>DL6IB</b>        | <b>DL6IG</b>     | <b>DL6IS</b>                                                                         |                                                                                       | <b>PGA6R</b>                                                                          |
| Earthing rings in nichel-plated brass *                                             | For ISO threads | Nichel-plated brass | Stainless steel  | Stainless steel idented washers                                                      | Code                                                                                  | RE... series adaptors and reducers                                                    |
|  | M16x1,5         | <b>A0131IB</b>      | <b>A0131IS</b>   |  | <b>RD101IS/A4</b>                                                                     |  |
|                                                                                     | M20x1,5         | <b>A1311IB</b>      | <b>A1311IS</b>   |                                                                                      | <b>RD11IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M25x1,5         | <b>A2312IB</b>      | <b>A2312IS</b>   |                                                                                      | <b>RD12IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M32x1,5         | <b>A3313IB</b>      | <b>A3313IS</b>   |                                                                                      | <b>RD13IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M40x1,5         | <b>A4314IB</b>      | <b>A4314IS</b>   |                                                                                      | <b>RD14IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M50x1,5         | <b>A5315IB</b>      | <b>A5315IS</b>   |                                                                                      | <b>RD15IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M63x1,5         | <b>A6316IB</b>      | <b>A6316IS</b>   |                                                                                      | <b>RD16IS/A4</b>                                                                      |                                                                                       |

\* For different threading contact our sales office.





### CABLE GLANDS SELECTION CHART

| Code<br>Nichel-plated<br>brass | Thread        | Dimensions in mm |     |    |    |      | Range                      | Weight |
|--------------------------------|---------------|------------------|-----|----|----|------|----------------------------|--------|
|                                |               | AC1              | AC2 | ØM | F  | C    | Ød min-max<br>Below armour | Kg     |
| TEVL1B                         | 1/2" ISO7/1   | 24               | 24  | 28 | 18 | 47   | 5 - 10                     | 0,079  |
| TEVL2B                         | 3/4" ISO7/1   | 32               | 24  | 37 | 18 | 47   | 7 - 12                     | 0,116  |
| TEVL3B                         | 1" ISO7/1     | 40               | 32  | 47 | 22 | 52,5 | 12 - 18                    | 0,184  |
| TEVL4B                         | 1 1/4" ISO7/1 | 48               | 40  | 56 | 22 | 59,5 | 18 - 24                    | 0,310  |
| TEVL5B                         | 1 1/2" ISO7/1 | 53               | 48  | 62 | 24 | 62   | 24 - 30                    | 0,387  |
| TEVL6B                         | 2" ISO7/1     | 63               | 53  | 73 | 24 | 64   | 30 - 35                    | 0,420  |
| TEVL1NB                        | 1/2" NPT      | 24               | 24  | 28 | 20 | 48   | 5 - 10                     | 0,079  |
| TEVL2NB                        | 3/4" NPT      | 32               | 24  | 37 | 20 | 49   | 7 - 12                     | 0,116  |
| TEVL3NB                        | 1" NPT        | 40               | 32  | 47 | 26 | 56,5 | 12 - 18                    | 0,184  |
| TEVL4NB                        | 1 1/4" NPT    | 48               | 40  | 56 | 26 | 63,5 | 18 - 24                    | 0,310  |
| TEVL5NB                        | 1 1/2" NPT    | 53               | 48  | 62 | 26 | 64   | 24 - 30                    | 0,387  |
| TEVL6NB                        | 2" NPT        | 63               | 53  | 73 | 27 | 67   | 30 - 35                    | 0,420  |
| TEVL1IB                        | M20x1,5       | 24               | 24  | 28 | 16 | 45   | 5 - 10                     | 0,079  |
| TEVL2IB                        | M25x1,5       | 32               | 24  | 37 | 16 | 45   | 7 - 12                     | 0,116  |
| TEVL3IB                        | M32x1,5       | 40               | 32  | 47 | 16 | 46,5 | 12 - 18                    | 0,184  |
| TEVL4IB                        | M40x1,5       | 48               | 40  | 56 | 16 | 53,5 | 18 - 24                    | 0,310  |
| TEVL5IB                        | M50x1,5       | 53               | 48  | 62 | 16 | 54   | 24 - 30                    | 0,387  |
| TEVL6IB                        | M63x1,5       | 63/65            | 53  | 73 | 18 | 58   | 30 - 35                    | 0,420  |

#### Example of order code

|             |          |          |          |
|-------------|----------|----------|----------|
| <b>TEVL</b> | <b>6</b> | <b>I</b> | <b>B</b> |
| MODEL       | SIZE     | THREAD   | MATERIAL |

#### TECHNICAL NOTES:

- For cylindrical threads (ISO metric) it is supplied the silicone O-ring for the IP seal already assembled on cable gland
- Available also in stainless steel (sample code REVL1S)
- Available also in galvanized steel (sample code REVL1G)

TEVD series cable glands are suitable for use in industrial plant for the direct insertion of armoured cables into watertight equipment or junction box.


**Standard construction:**

Nickel-plated brass  
 Sealing ring in silicone material  
 Compression ring in plastic material  
 ISO 7/1, NPT and isometric threads

**Degree of protection:**

IP66/67

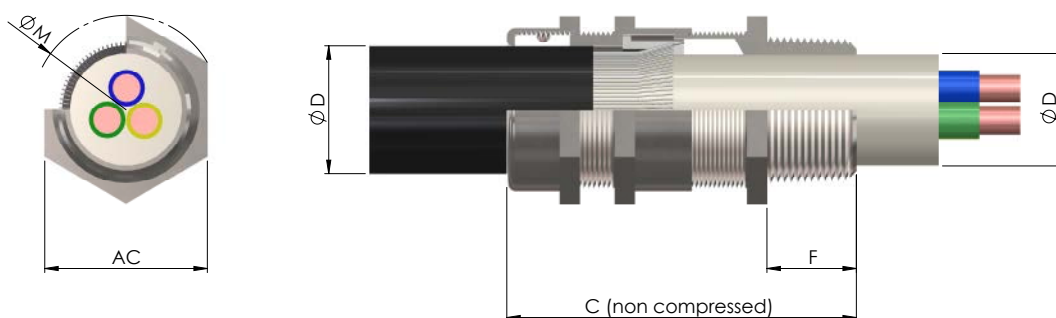
**Standards:**

IEC 60529 / IEC 529


**ACCESSORIES UPON REQUEST**

| Locknuts                                                                            | Thread ISO      | Nichel-plated brass | Galvanized steel | Stainless steel                                                                      | Shrouds in black PVC                                                                  | Code                                                                                  |
|-------------------------------------------------------------------------------------|-----------------|---------------------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | M16x1,5         | <b>DL01IB</b>       | <b>DL01IG</b>    | <b>DL01IS</b>                                                                        |  | <b>PGA1F</b>                                                                          |
|                                                                                     | M20x1,5         | <b>DL1IB</b>        | <b>DL1IG</b>     | <b>DL1IS</b>                                                                         |                                                                                       | <b>PGA1F</b>                                                                          |
|                                                                                     | M25x1,5         | <b>DL2IB</b>        | <b>DL2IG</b>     | <b>DL2IS</b>                                                                         |                                                                                       | <b>PGA2R</b>                                                                          |
|                                                                                     | M32x1,5         | <b>DL3IB</b>        | <b>DL3IG</b>     | <b>DL3IS</b>                                                                         |                                                                                       | <b>PGA3</b>                                                                           |
|                                                                                     | M40x1,5         | <b>DL4IB</b>        | <b>DL4IG</b>     | <b>DL4IS</b>                                                                         |                                                                                       | <b>PGA4</b>                                                                           |
|                                                                                     | M50x1,5         | <b>DL5IB</b>        | <b>DL5IG</b>     | <b>DL5IS</b>                                                                         |                                                                                       | <b>PGA5</b>                                                                           |
|                                                                                     | M63x1,5         | <b>DL6IB</b>        | <b>DL6IG</b>     | <b>DL6IS</b>                                                                         |                                                                                       | <b>PGA6R</b>                                                                          |
| Earthing rings in nichel-plated brass *                                             | For ISO threads | Nichel-plated brass | Stainless steel  | Stainless steel idented washers                                                      | Code                                                                                  | RE... series adaptors and reducers                                                    |
|  | M16x1,5         | <b>A0131IB</b>      | <b>A0131IS</b>   |  | <b>RD101IS/A4</b>                                                                     |  |
|                                                                                     | M20x1,5         | <b>A1311IB</b>      | <b>A1311IS</b>   |                                                                                      | <b>RD11IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M25x1,5         | <b>A2312IB</b>      | <b>A2312IS</b>   |                                                                                      | <b>RD12IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M32x1,5         | <b>A3313IB</b>      | <b>A3313IS</b>   |                                                                                      | <b>RD13IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M40x1,5         | <b>A4314IB</b>      | <b>A4314IS</b>   |                                                                                      | <b>RD14IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M50x1,5         | <b>A5315IB</b>      | <b>A5315IS</b>   |                                                                                      | <b>RD15IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M63x1,5         | <b>A6316IB</b>      | <b>A6316IS</b>   |                                                                                      | <b>RD16IS/A4</b>                                                                      |                                                                                       |

\* For different threading contact our sales office.



## CABLE GLANDS SELECTION CHART

| Code<br><b>Nichel-plated brass</b> | Thread        | Dimensions in mm |    |    |      | Range                      |                                        | Thickness<br>armour<br>standard | Thickness<br>armour<br>on request | Weight<br>Kg |
|------------------------------------|---------------|------------------|----|----|------|----------------------------|----------------------------------------|---------------------------------|-----------------------------------|--------------|
|                                    |               | AC               | ØM | F  | C    | Ød min-max<br>Below armour | ØD min-max<br>External sheath of cable |                                 |                                   |              |
| TEVD01B                            | 3/8" ISO7/1   | 24               | 28 | 15 | 69   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,100        |
| TEVDL1B                            | 1/2" ISO7/1   | 24               | 28 | 18 | 72   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,110        |
| TEVD1B                             | 1/2" ISO7/1   | 24               | 28 | 18 | 72   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                         | 0,110        |
| TEVD2B                             | 3/4" ISO7/1   | 32               | 37 | 18 | 73,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                         | 0,166        |
| TEVD3B                             | 1" ISO7/1     | 40               | 47 | 22 | 86,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                         | 0,264        |
| TEVD4B                             | 1 1/4" ISO7/1 | 48               | 56 | 22 | 89   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                         | 0,406        |
| TEVD5B                             | 1 1/2" ISO7/1 | 53               | 62 | 24 | 94   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                         | 0,484        |
| TEVD6B                             | 2" ISO7/1     | 63               | 73 | 24 | 94   | 35 - 45                    | 43 - 53                                | 0.2 - 1.4                       | 1.4 - 2.5                         | 0,632        |
| TEVD01NB                           | 3/8" NPT      | 24               | 28 | 16 | 70   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,100        |
| TEVDL1NB                           | 1/2" NPT      | 24               | 28 | 20 | 74   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,110        |
| TEVD1NB                            | 1/2" NPT      | 24               | 28 | 20 | 74   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                         | 0,110        |
| TEVD2NB                            | 3/4" NPT      | 32               | 37 | 20 | 75,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                         | 0,166        |
| TEVD3NB                            | 1" NPT        | 40               | 47 | 26 | 90,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                         | 0,264        |
| TEVD4NB                            | 1 1/4" NPT    | 48               | 56 | 26 | 93   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                         | 0,406        |
| TEVD5NB                            | 1 1/2" NPT    | 53               | 62 | 26 | 96   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                         | 0,484        |
| TEVD6NB                            | 2" NPT        | 63               | 73 | 27 | 97   | 35 - 45                    | 43 - 53                                | 0.2 - 1.4                       | 1.4 - 2.5                         | 0,632        |
| TEVD01IB                           | M16x1,5       | 24               | 28 | 16 | 70   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,100        |
| TEVDL1IB                           | M20x1,5       | 24               | 28 | 16 | 70   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                         | 0,100        |
| TEVD1IB                            | M20x1,5       | 24               | 28 | 16 | 70   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                         | 0,110        |
| TEVD2IB                            | M25x1,5       | 32               | 37 | 16 | 71,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                         | 0,166        |
| TEVD3IB                            | M32x1,5       | 40               | 47 | 16 | 80,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                         | 0,264        |
| TEVD4IB                            | M40x1,5       | 48               | 56 | 16 | 83   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                         | 0,406        |
| TEVD5IB                            | M50x1,5       | 53               | 62 | 16 | 86   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                         | 0,484        |
| TEVD6IB                            | M63x1,5       | 63/65            | 73 | 18 | 88   | 35 - 45                    | 43 - 53                                | 0.2 - 1.4                       | 1.4 - 2.5                         | 0,632        |

### Example of order code

|             |          |          |          |
|-------------|----------|----------|----------|
| <b>TEVD</b> | <b>6</b> | <b>I</b> | <b>B</b> |
| MODEL       | SIZE     | THREAD   | MATERIAL |

### TECHNICAL NOTES:

- For cylindrical threads (ISO metric) it is supplied the silicone O-ring for the IP seal already assembled on cable gland
- Available also in stainless steel (sample code TEVD1S)
- Available also in galvanized steel (sample code TEVD1G)
- On request, inside compression ring for thickness armour

TEVDL series cable glands are suitable for use in industrial plant for the direct insertion of non-armoured cables into watertight equipment or junction box. This series can accommodate smaller cable diameters than the standard required for each measure. In this way, the use of reductions is avoid.


**Standard construction:**

Nickel-plated brass  
 Sealing ring in silicone material  
 Compression ring in plastic material  
 ISO 7/1, NPT and isometric threads

**Degree of protection:**

IP66/67

**Standards:**

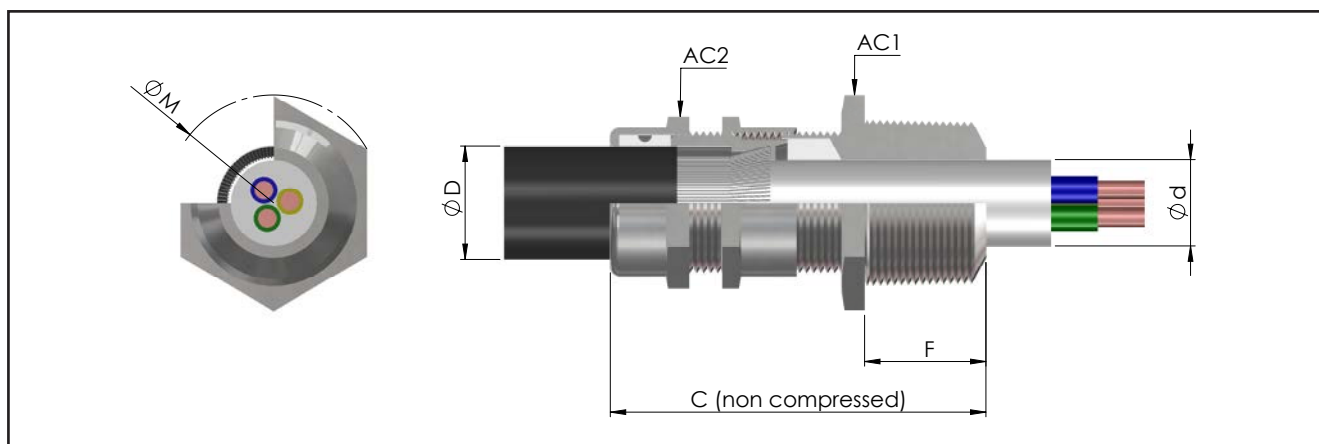
IEC 60529 / IEC 529


**ACCESSORIES UPON REQUEST**

| Locknuts                                                                            | ISO thread      | Nichel-plated brass | Galvanized steel | Stainless steel                                                                      | Shrouds in black PVC                                                                  | Code                                                                                  |
|-------------------------------------------------------------------------------------|-----------------|---------------------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | M16x1,5         | <b>DL01IB</b>       | <b>DL01IG</b>    | <b>DL01IS</b>                                                                        |  | <b>PGA1F</b>                                                                          |
|                                                                                     | M20x1,5         | <b>DL1IB</b>        | <b>DL1IG</b>     | <b>DL1IS</b>                                                                         |                                                                                       | <b>PGA1F</b>                                                                          |
|                                                                                     | M25x1,5         | <b>DL2IB</b>        | <b>DL2IG</b>     | <b>DL2IS</b>                                                                         |                                                                                       | <b>PGA2R</b>                                                                          |
|                                                                                     | M32x1,5         | <b>DL3IB</b>        | <b>DL3IG</b>     | <b>DL3IS</b>                                                                         |                                                                                       | <b>PGA3</b>                                                                           |
|                                                                                     | M40x1,5         | <b>DL4IB</b>        | <b>DL4IG</b>     | <b>DL4IS</b>                                                                         |                                                                                       | <b>PGA4</b>                                                                           |
|                                                                                     | M50x1,5         | <b>DL5IB</b>        | <b>DL5IG</b>     | <b>DL5IS</b>                                                                         |                                                                                       | <b>PGA5</b>                                                                           |
|                                                                                     | M63x1,5         | <b>DL6IB</b>        | <b>DL6IG</b>     | <b>DL6IS</b>                                                                         |                                                                                       | <b>PGA6R</b>                                                                          |
| Earthing rings in nichel-plated brass *                                             | For ISO threads | Nichel-plated brass | Stainless steel  | Stainless steel idented washers                                                      | Code                                                                                  | RE... series adaptors and reducers                                                    |
|  | M16x1,5         | <b>A0131IB</b>      | <b>A0131IS</b>   |  | <b>RD101IS/A4</b>                                                                     |  |
|                                                                                     | M20x1,5         | <b>A1311IB</b>      | <b>A1311IS</b>   |                                                                                      | <b>RD11IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M25x1,5         | <b>A2312IB</b>      | <b>A2312IS</b>   |                                                                                      | <b>RD12IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M32x1,5         | <b>A3313IB</b>      | <b>A3313IS</b>   |                                                                                      | <b>RD13IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M40x1,5         | <b>A4314IB</b>      | <b>A4314IS</b>   |                                                                                      | <b>RD14IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M50x1,5         | <b>A5315IB</b>      | <b>A5315IS</b>   |                                                                                      | <b>RD15IS/A4</b>                                                                      |                                                                                       |
|                                                                                     | M63x1,5         | <b>A6316IB</b>      | <b>A6316IS</b>   |                                                                                      | <b>RD16IS/A4</b>                                                                      |                                                                                       |

\* For different threading contact our sales office.

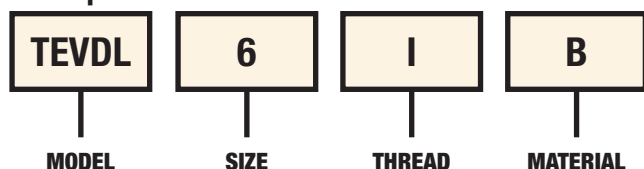




### CABLE GLANDS SELECTION CHART

| Code<br>Nichel-<br>plated<br>brass | Thread        | Dimensions in mm |     |    |    |      | Range                      |                                        | Thickness<br>armour<br>standard | Thickness<br>armour on<br>request<br>on request | Weight<br>Kg |
|------------------------------------|---------------|------------------|-----|----|----|------|----------------------------|----------------------------------------|---------------------------------|-------------------------------------------------|--------------|
|                                    |               | AC1              | AC2 | ØM | F  | C    | Ød min-max<br>Below armour | ØD min-max<br>External sheath of cable |                                 |                                                 |              |
| TEVDL1B                            | 1/2" ISO7/1   | 24               | 24  | 28 | 18 | 72   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                                       | 0,110        |
| TEVDL2B                            | 3/4" ISO7/1   | 32               | 24  | 37 | 18 | 72   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                                       | 0,166        |
| TEVDL3B                            | 1" ISO7/1     | 40               | 32  | 47 | 22 | 77,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                                       | 0,264        |
| TEVDL4B                            | 1 1/4" ISO7/1 | 48               | 40  | 56 | 22 | 86,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                                       | 0,406        |
| TEVDL5B                            | 1 1/2" ISO7/1 | 53               | 48  | 62 | 24 | 91   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                                       | 0,484        |
| TEVDL6B                            | 2" ISO7/1     | 63               | 53  | 73 | 24 | 94   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                                       | 0,632        |
| TEVDL1NB                           | 1/2" NPT      | 24               | 24  | 28 | 20 | 74   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                                       | 0,110        |
| TEVDL2NB                           | 3/4" NPT      | 32               | 24  | 37 | 20 | 74   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                                       | 0,166        |
| TEVDL3NB                           | 1" NPT        | 40               | 32  | 47 | 26 | 81,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                                       | 0,264        |
| TEVDL4NB                           | 1 1/4" NPT    | 48               | 40  | 56 | 26 | 90,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                                       | 0,406        |
| TEVDL5NB                           | 1 1/2" NPT    | 53               | 48  | 62 | 26 | 93   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                                       | 0,484        |
| TEVDL6NB                           | 2" NPT        | 63               | 53  | 73 | 27 | 97   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                                       | 0,632        |
| TEVDL1IB                           | M20x1,5       | 24               | 24  | 28 | 16 | 70   | 5 - 10                     | 8 - 15                                 | 0.2 - 0.8                       | 0.8 - 1.2                                       | 0,110        |
| TEVDL2IB                           | M25x1,5       | 32               | 24  | 37 | 16 | 70   | 7 - 12                     | 11 - 16                                | 0.2 - 0.7                       | 0.7 - 1.2                                       | 0,166        |
| TEVDL3IB                           | M32x1,5       | 40               | 32  | 47 | 16 | 71,5 | 12 - 18                    | 16 - 24                                | 0.2 - 0.8                       | 0.8 - 1.6                                       | 0,264        |
| TEVDL4IB                           | M40x1,5       | 48               | 40  | 56 | 16 | 80,5 | 18 - 24                    | 24 - 31                                | 0.2 - 0.9                       | 0.9 - 1.6                                       | 0,406        |
| TEVDL5IB                           | M50x1,5       | 53               | 48  | 62 | 16 | 83   | 24 - 30                    | 31 - 37                                | 0.2 - 1.2                       | 1.2 - 2.0                                       | 0,484        |
| TEVDL6IB                           | M63x1,5       | 63/65            | 73  | 73 | 18 | 88   | 30 - 35                    | 37 - 43                                | 0.2 - 1.3                       | 1.3 - 2.5                                       | 0,632        |

### Example of order code



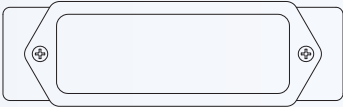
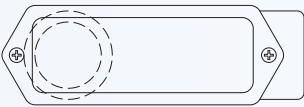
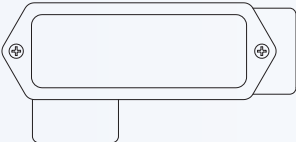
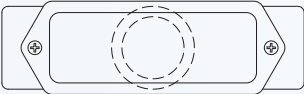
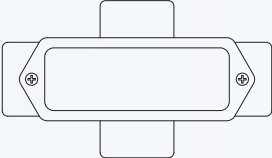
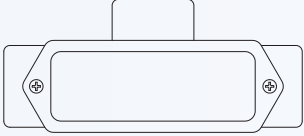
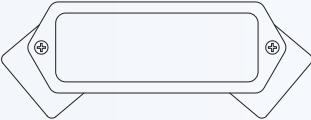
### TECHNICAL NOTES:

- For cylindrical threads (ISO metric) it is supplied the silicone O-ring for the IP seal already assembled on cable gland
- Available also in stainless steel (sample code TEVDL1S)
- Available also in galvanized steel (sample code TEVDL1G)
- Inside gasket for cables with increased armour

Condulet are used as pulling or junction boxes in areas where is no danger of explosion, but it is required a specific protection to prevent the entry of solids and liquids. They are aluminium made and can be installed in chemical and off-shore plants and where is a strong external agents aggression.

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| <b>Standard construction:</b> | Body and cover in aluminium alloy<br>Galvanized steel bolts and screws<br>Elastomer gasket |
| <b>Degree of protection</b>   | IP 65                                                                                      |
| <b>Standards:</b>             | IEC 60529                                                                                  |
| <b>On request:</b>            | Other threads<br>Coating<br>Stainless steel screws                                         |

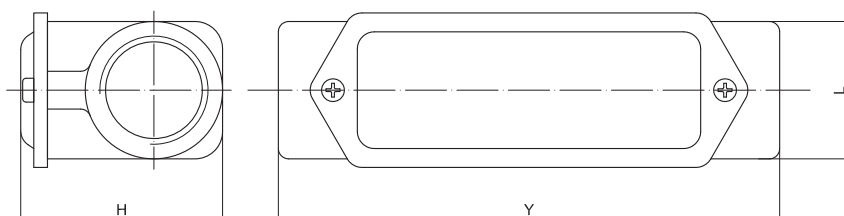


| Box type                                                                            | Code      | Description                                                                                               |
|-------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------|
|    | <b>C</b>  | Enclosure with two coaxial hubs                                                                           |
|   | <b>LB</b> | Enclosure with two hubs arranged at 90°<br>(One hub arranged on the bottom of the enclosure)              |
|  | <b>LL</b> | Enclosure with two hubs arranged at 90°<br>(One hub arranged on the bottom left side)                     |
|  | <b>LR</b> | Enclosure with two hubs arranged at 90°<br>(One hub arranged on the right side)                           |
|  | <b>TB</b> | Enclosure with three hubs, two coaxial and one at 90°<br>arranged on the middle of the enclosure's bottom |
|  | <b>X</b>  | Enclosure with four cross hubs                                                                            |
|  | <b>T</b>  | Enclosure with three hubs, two coaxial and one at 90°<br>arranged on the side                             |
|  | <b>LU</b> | Enclosure with two 45° hubs with respect to the axis                                                      |



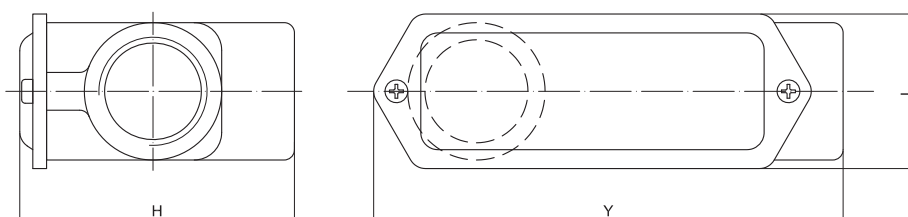
### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| C17      | 1/2" ISO228/1   | 118              | 51  | 42  | 0,168     |
| C27      | 3/4" ISO228/1   | 123              | 40  | 48  | 0,151     |
| C37      | 1" ISO228/1     | 146              | 45  | 57  | 0,234     |
| C47      | 1 1/4" ISO228/1 | 171              | 62  | 71  | 0,417     |
| C57      | 1 1/2" ISO228/1 | 171              | 62  | 71  | 0,372     |
| C67      | 2" ISO228/1     | 204              | 76  | 83  | 0,514     |
| C77      | 2 1/2" ISO228/1 | 315              | 108 | 125 | 1,779     |
| C87      | 3" ISO228/1     | 315              | 108 | 125 | 1,779     |
| C107     | 4" ISO228/1     | 314              | 133 | 148 | 2,606     |



### PULLING BOXES SELECTION CHART

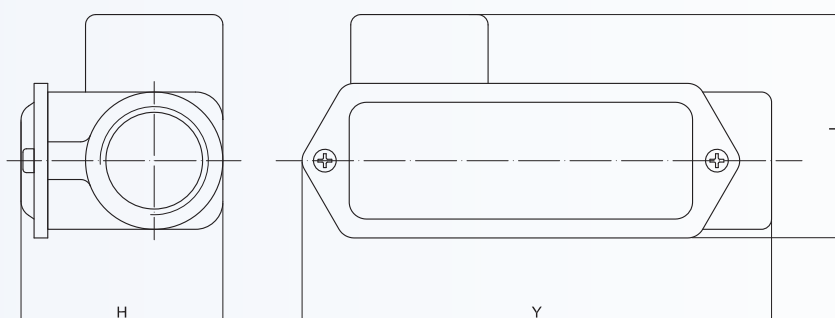
| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| LB17     | 1/2" ISO228/1   | 117              | 40  | 65  | 0,172     |
| LB27     | 3/4" ISO228/1   | 117              | 40  | 65  | 0,159     |
| LB37     | 1" ISO228/1     | 137              | 45  | 78  | 0,236     |
| LB47     | 1 1/4" ISO228/1 | 163              | 62  | 89  | 0,427     |
| LB57     | 1 1/2" ISO228/1 | 163              | 62  | 89  | 0,387     |
| LB67     | 2" ISO228/1     | 190              | 76  | 108 | 0,541     |
| LB77     | 2 1/2" ISO228/1 | 238              | 107 | 150 | 2,121     |
| LB87     | 3" ISO228/1     | 238              | 107 | 150 | 1,785     |
| LB107    | 4" ISO228/1     | 300              | 133 | 185 | 2,658     |





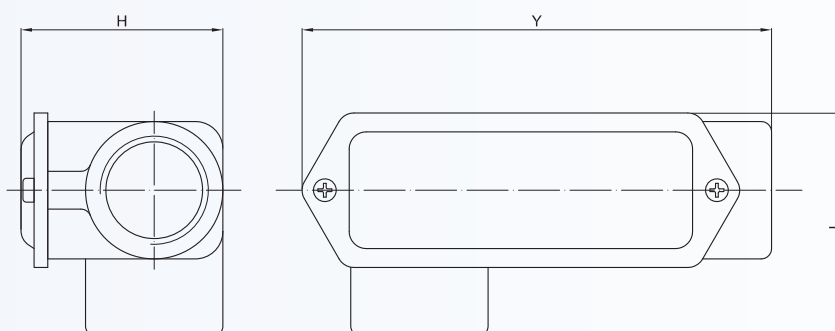
### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| LL17     | 1/2" IS0228/1   | 117              | 51  | 48  | 0,171     |
| LL27     | 3/4" IS0228/1   | 117              | 51  | 48  | 0,150     |
| LL37     | 1" IS0228/1     | 137              | 61  | 57  | 0,238     |
| LL47     | 1 1/4" IS0228/1 | 163              | 76  | 71  | 0,414     |
| LL57     | 1 1/2" IS0228/1 | 163              | 76  | 71  | 0,381     |
| LL67     | 2" IS0228/1     | 190              | 94  | 83  | 0,522     |
| LL77     | 2 1/2" IS0228/1 | 238              | 138 | 122 | 2,084     |
| LL87     | 3" IS0228/1     | 238              | 138 | 122 | 1,748     |
| LL107    | 4" IS0228/1     | 300              | 162 | 148 | 2,666     |



### PULLING BOXES SELECTION CHART

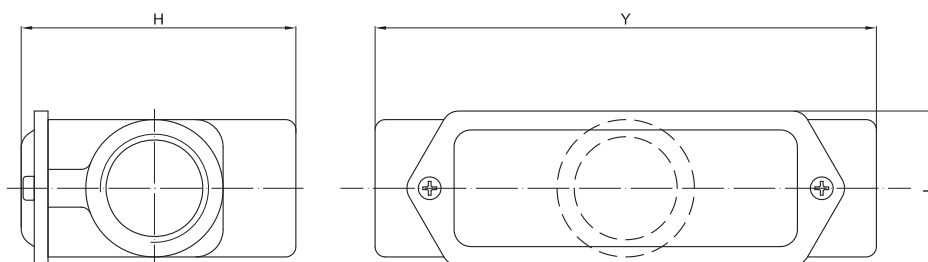
| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| LR17     | 1/2" IS0228/1   | 117              | 51  | 48  | 0,171     |
| LR27     | 3/4" IS0228/1   | 117              | 51  | 48  | 0,150     |
| LR37     | 1" IS0228/1     | 137              | 61  | 57  | 0,238     |
| LR47     | 1 1/4" IS0228/1 | 163              | 76  | 71  | 0,414     |
| LR57     | 1 1/2" IS0228/1 | 163              | 76  | 71  | 0,381     |
| LR67     | 2" IS0228/1     | 190              | 94  | 83  | 0,522     |
| LR77     | 2 1/2" IS0228/1 | 238              | 138 | 122 | 2,084     |
| LR87     | 3" IS0228/1     | 238              | 138 | 122 | 1,748     |
| LR107    | 4" IS0228/1     | 300              | 162 | 148 | 2,666     |





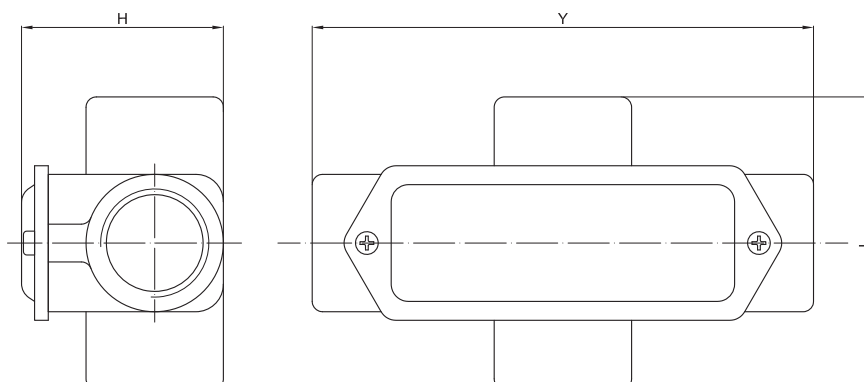
### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| TB17     | 1/2" IS0228/1   | 123              | 40  | 65  | 0,193     |
| TB27     | 3/4" IS0228/1   | 123              | 40  | 65  | 0,168     |
| TB37     | 1" IS0228/1     | 146              | 45  | 78  | 0,254     |
| TB47     | 1 1/4" IS0228/1 | 171              | 62  | 89  | 0,488     |
| TB57     | 1 1/2" IS0228/1 | 171              | 62  | 89  | 0,416     |
| TB67     | 2" IS0228/1     | 204              | 76  | 108 | 0,607     |
| TB77     | 2 1/2" IS0228/1 | 315              | 108 | 163 | 2,492     |
| TB87     | 3" IS0228/1     | 315              | 108 | 163 | 1,996     |
| TB107    | 4" IS0228/1     | 314              | 133 | 185 | 2,747     |



### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| X17      | 1/2" IS0228/1   | 123              | 68  | 48  | 0,217     |
| X27      | 3/4" IS0228/1   | 123              | 68  | 48  | 0,187     |
| X37      | 1" IS0228/1     | 146              | 81  | 57  | 0,289     |
| X47      | 1 1/4" IS0228/1 | 171              | 96  | 71  | 0,532     |
| X57      | 1 1/2" IS0228/1 | 171              | 96  | 71  | 0,428     |
| X67      | 2" IS0228/1     | 204              | 118 | 83  | 0,623     |
| X77      | 2 1/2" IS0228/1 | 315              | 183 | 125 | 2,394     |
| X87      | 3" IS0228/1     | 315              | 183 | 125 | 2,105     |
| X107     | 4" IS0228/1     | 315              | 196 | 148 | 2,881     |

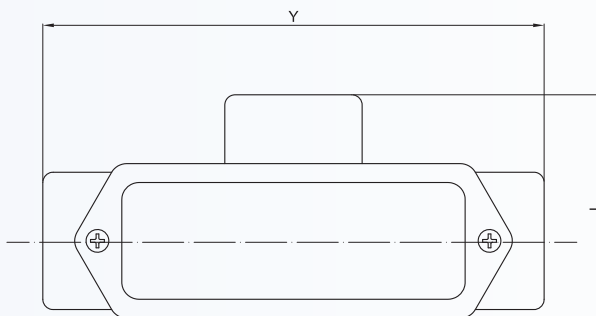
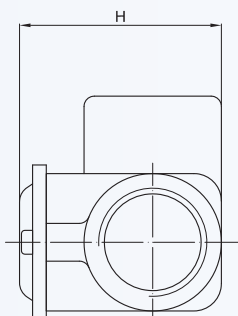






### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| T17      | 1/2" ISO228/1   | 123              | 53  | 48  | 0,191     |
| T27      | 3/4" ISO228/1   | 123              | 53  | 48  | 0,170     |
| T37      | 1" ISO228/1     | 146              | 63  | 57  | 0,264     |
| T47      | 1 1/4" ISO228/1 | 171              | 78  | 71  | 0,473     |
| T57      | 1 1/2" ISO228/1 | 171              | 78  | 71  | 0,410     |
| T67      | 2" ISO228/1     | 204              | 96  | 83  | 0,560     |
| T77      | 2 1/2" ISO228/1 | 315              | 148 | 125 | 2,457     |
| T87      | 3" ISO228/1     | 315              | 148 | 125 | 1,948     |
| T107     | 4" ISO228/1     | 315              | 166 | 148 | 2,725     |



### PULLING BOXES SELECTION CHART

| Box type | Thread          | Dimensions in mm |     |     | Weight Kg |
|----------|-----------------|------------------|-----|-----|-----------|
|          |                 | Y                | L   | H   |           |
| LU17     | 1/2" ISO228/1   | 130              | 64  | 44  | 0,185     |
| LU27     | 3/4" ISO228/1   | 130              | 64  | 44  | 0,167     |
| LU37     | 1" ISO228/1     | 148              | 73  | 50  | 0,217     |
| LU47     | 1 1/4" ISO228/1 | 182              | 103 | 71  | 0,523     |
| LU57     | 1 1/2" ISO228/1 | 182              | 103 | 71  | 0,456     |
| LU67     | 2" ISO228/1     | 211              | 118 | 83  | 0,639     |
| LU77     | 2 1/2" ISO228/1 | 310              | 156 | 115 | 2,498     |
| LU87     | 3" ISO228/1     | 310              | 156 | 115 | 1,961     |

