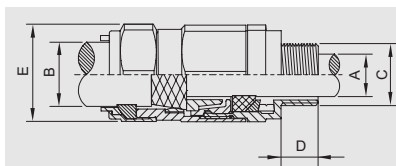


09719E00

### Triton CDS Cable Glands Ex d and Ex e for all Types of Armoured Cables Series 8163/2-T3CDS

- Suitable for use with offshore and onshore cables with the following types of mechanical protection
  - Single Wire Armour (SWA)
  - Steel Tape Armour (STA)
  - Wire Braid Armour
- For use in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22



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#### Selection Table

| Gland size | Dimensions [mm]<br>Thread size C | Inner sheath A |      | Outer sheath B |      | Thread length D | Across corners E | Armour wire thickness |               | PVC-shroud | Order number                   | Weight<br>kg |
|------------|----------------------------------|----------------|------|----------------|------|-----------------|------------------|-----------------------|---------------|------------|--------------------------------|--------------|
|            |                                  | min.           | max. | min.           | max. |                 |                  | Grooved cone          | Plain cone    |            |                                |              |
| 20s/16     | M20 x 1.5                        | 3.1            | 8.7  | 6.1            | 11.5 | 15              | 26.6             | 0.1 ... 1.0           | 0.90 ... 1.00 | HV 04      | <b>8163/2-20S/16-T3CDS-M20</b> | 0.160        |
| 20s        | M20 x 1.5                        | 6.1            | 11.7 | 9.5            | 15.9 | 15              | 26.6             | 0.1 ... 1.0           | 0.90 ... 1.25 | HV 04      | <b>8163/2-20S-T3CDS-M20</b>    | 0.250        |
| 20         | M20 x 1.5                        | 6.5            | 14.0 | 12.5           | 20.9 | 15              | 33.3             | 0.1 ... 1.0           | 0.90 ... 1.25 | HV 06      | <b>8163/2-20-T3CDS-M20</b>     | 0.360        |
| 25s        | M25 x 1.5                        | 11.1           | 20.0 | 14.0           | 22.0 | 15              | 40.5             | 0.1 ... 1.0           | 1.25 ... 1.60 | HV 09      | <b>8163/2-25S-T3CDS-M25</b>    | 0.540        |
| 25         | M25 x 1.5                        | 11.1           | 20.0 | 18.2           | 26.2 | 15              | 40.5             | 0.1 ... 1.0           | 1.25 ... 1.60 | HV 09      | <b>8163/2-25-T3CDS-M25</b>     | 0.342        |
| 32         | M32 x 1.5                        | 17.0           | 26.3 | 23.7           | 33.9 | 15              | 51.0             | 0.1 ... 1.0           | 1.60 ... 2.00 | HV 11      | <b>8163/2-32-T3CDS-M32</b>     | 0.690        |
| 40         | M40 x 1.5                        | 22.0           | 32.2 | 27.9           | 40.4 | 15              | 61.0             | 0.1 ... 1.0           | 1.60 ... 2.00 | HV 15      | <b>8163/2-40-T3CDS-M40</b>     | 0.920        |
| 50s        | M50 x 1.5                        | 29.5           | 38.2 | 35.2           | 46.7 | 15              | 66.5             | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 18      | <b>8163/2-50S-T3CDS-M50</b>    | 1.100        |
| 50         | M50 x 1.5                        | 35.6           | 44.1 | 40.4           | 53.1 | 15              | 78.6             | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 21      | <b>8163/2-50-T3CDS-M50</b>     | 1.144        |
| 63s        | M63 x 1.5                        | 40.1           | 50.0 | 45.6           | 59.4 | 15              | 83.2             | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 23      | <b>8163/2-63S-T3CDS-M63</b>    | 1.600        |
| 63         | M63 x 1.5                        | 47.2           | 56.0 | 54.6           | 65.9 | 15              | 89.0             | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 25      | <b>8163/2-63-T3CDS-M63</b>     | 1.422        |
| 75s        | M75 x 1.5                        | 52.8           | 62.0 | 59.0           | 72.1 | 15              | 101.6            | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 28      | <b>8163/2-75S-T3CDS-M75</b>    | 2.300        |
| 75         | M75 x 1.5                        | 59.1           | 68.0 | 66.7           | 78.5 | 15              | 111.1            | 0.1 ... 1.0           | 2.00 ... 2.50 | HV 30      | <b>8163/2-75-T3CDS-M75</b>     | 2.043        |

Note Other sizes and threads available on request.

#### Technical Data

|                             |   |
|-----------------------------|---|
| Explosion protection        |   |
| Zone 1 / 21                 | ⊕ II 2 GD Ex d IIC / Ex e II / Ex tD A21 IP66                           |
| Zone 2                      | ⊕ II 3 G Ex nR II   |
| Certificates                |   |
| Zone 1 / 21                 | SIRA 07 ATEX 1201 X   |
| Zone 2                      | SIRA 07 ATEX 4329 X   |
| Other certificates          | IECEX, Belarus (Promatomnadzor)   |
| Type of Protection          | IP66, IP67 & IP68 (10 m depth)  |
| Version                     | BS 6121, EN 50262   |
| Operating temperature range | - 60 °C ... + 130 °C  |
| Material                    |   |
| Cable gland                 | Brass<br>(nickel-plated brass and stainless steel available on request) |
| Seal                        | SOLO LSF  |

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.