

Cable Glands for All Types of Armoured Cables (SWA, Braid, Ribbon) (Steel and Aluminium) Series C2KX



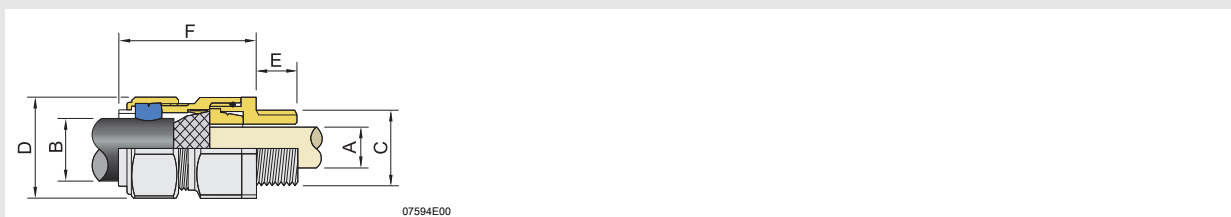
07575E00

- > Multi-functional holder for the armouring
- > Flood seal with integral protection
- > Controlled outer load retention seal
- > Unique OSTG prevents overtightening
- > International markings UL, cCSAus, ATEX and IECEX
- > EMC-tested
- > Special design (VAR) for shielded cables in frequency inverter operation
- > Standard: with NPT thread



WebCode C2KXA

| ATEX / IECEX | | | | | | NEC 505 | | | | | | NEC 506 | | | | | | NEC 500 | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|----|----|---------|------------|---|---|---|----|---------|----|----------|------------|---|---|---------|---|---|---|---|--|----------|--|--|--|--|--|-----------|--|--|--|--|--|
| | | | | | | Class I | | | | | | | | | | | | Class I | | | | | | Class II | | | | | | Class III | | | | | |
| Zone | 0 | 1 | 2 | 20 | 21 | 22 | Zone | 0 | 1 | 2 | 20 | 21 | 22 | Division | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | | | | | | | | | | | | |
| For use in | x | x | | | x | x | For use in | | x | x | | | x | x | For use in | x | | | | | | | | | | | | | | | | | | | |



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Selection Table

| Gland size | Dimensions [mm] | | | | | | | | Armour wire thickness | PVC-shroud | Art. no. | PS | Weight |
|---------------------------------|-----------------|----------------|----------------|------|----------------------|------------------|-----------------|---------------------|-----------------------|------------|-----------------|----|--------|
| | Thread size C | Inner sheath A | Outer sheath B | | Width across flats D | Across corners D | Thread length E | Protrusion Length F | | | | | |
| | | max. | min. | max. | | | | | | | | | kg |
| NPT, nickel-plated brass | | | | | | | | | | | | | |
| 20s/16 | NPT 1/2" | 8.6 | 6.1 | 13.2 | 30.5 | 33.5 | 19.9 | 65.0 | 0.3 ... 1.0 | PVC06 | 243569 ◀ | 10 | 0.230 |
| 20s | NPT 1/2" | 11.7 | 9.4 | 16.0 | 30.5 | 33.5 | 19.9 | 62.0 | 0.3 ... 1.0 | PVC06 | 243570 ◀ | 10 | 0.290 |
| 20 | NPT 1/2" | 14.0 | 12.4 | 20.8 | 30.5 | 33.6 | 19.9 | 63.0 | 0.4 ... 1.0 | PVC06 | 243571 ◀ | 10 | 0.220 |
| 25 | NPT 3/4" | 20.1 | 18.3 | 26.2 | 37.5 | 41.1 | 20.2 | 69.6 | 0.4 ... 1.2 | PVC09 | 243572 ◀ | 10 | 0.350 |
| 32 | NPT 1" | 25.9 | 23.6 | 34.0 | 46.0 | 50.5 | 25.0 | 74.9 | 0.4 ... 1.2 | PVC11 | 243573 ◀ | 10 | 0.550 |
| 40 | NPT 1 1/4" | 32.3 | 27.9 | 40.4 | 55.0 | 60.5 | 25.6 | 74.9 | 0.4 ... 1.6 | PVC15 | 243574 ◀ | 10 | 0.750 |
| 50s | NPT 1 1/2" | 38.1 | 35.3 | 46.7 | 60.0 | 66.0 | 26.1 | 77.0 | 0.4 ... 1.6 | PVC18 | 243575 ◀ | 10 | 0.860 |
| 50 | NPT 2" | 44.2 | 40.4 | 53.1 | 70.1 | 77.2 | 26.9 | 77.0 | 0.6 ... 1.6 | PVC21 | 243576 ◀ | 10 | 1.130 |
| 63s | NPT 2" | 50.0 | 45.7 | 59.4 | 75.0 | 82.6 | 26.9 | 80.0 | 0.6 ... 1.6 | PVC23 | 243577 ◀ | 10 | 1.350 |
| 63 | NPT 2 1/2" | 56.1 | 54.6 | 65.8 | 80.0 | 88.1 | 39.9 | 80.0 | 0.6 ... 1.6 | PVC25 | 243578 ◀ | 10 | 1.390 |
| 75s | NPT 2 1/2" | 62.0 | 58.9 | 72.1 | 90.0 | 99.1 | 39.9 | 87.1 | 0.6 ... 1.6 | PVC28 | 243579 ◀ | 10 | 2.020 |
| 75 | NPT 3" | 64.3 | 66.8 | 78.5 | 100.0 | 110.0 | 41.5 | 88.1 | 0.6 ... 1.6 | PVC30 | 243580 | 10 | 2.480 |

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|------------------------------------|-----------------|------------------------|------------------------|------|----------------------|------------------|-----------------|---------------------|---------------------------------------|------------|-----------------|----|--------------|
| Gland size | Dimensions [mm] | | | | | | | | Armour wire thickness Grooved cone | PVC-shroud | Art. no. | PS | Weight kg |
| | Thread size C | Inner sheath A max. | Outer sheath B min. | max. | Width across flats D | Across corners D | Thread length E | Protrusion Length F | | | | | |
| Metric, nickel-plated brass | | | | | | | | | | | | | |
| 20s/16 | M20 x 1.5 | 8.6 | 6.1 | 13.2 | 30.5 | 33.5 | 15.0 | 65.0 | 0.3 ... 1.0 | PVC06 | 243581 ◀ | 10 | 0.230 |
| 20s | M20 x 1.5 | 11.7 | 9.4 | 16.0 | 30.5 | 33.5 | 15.0 | 62.0 | 0.3 ... 1.0 | PVC06 | 243582 ◀ | 10 | 0.240 |
| 20 | M20 x 1.5 | 14.0 | 12.4 | 20.8 | 30.5 | 33.6 | 15.0 | 63.0 | 0.4 ... 1.0 | PVC06 | 243583 ◀ | 10 | 0.220 |
| 25 | M25 x 1.5 | 20.1 | 18.3 | 26.2 | 37.5 | 41.1 | 15.0 | 69.6 | 0.4 ... 1.2 | PVC09 | 243584 ◀ | 10 | 0.350 |
| 32 | M32 x 1.5 | 25.9 | 23.6 | 34.0 | 46.0 | 50.5 | 15.0 | 74.9 | 0.4 ... 1.2 | PVC11 | 243585 ◀ | 10 | 0.550 |
| 40 | M40 x 1.5 | 32.3 | 27.9 | 40.4 | 55.0 | 60.5 | 15.0 | 74.9 | 0.4 ... 1.6 | PVC15 | 243586 ◀ | 10 | 0.750 |
| 50s | M50 x 1.5 | 38.1 | 35.3 | 46.7 | 60.0 | 66.0 | 15.0 | 77.0 | 0.4 ... 1.6 | PVC18 | 243587 ◀ | 10 | 0.860 |
| 50 | M50 x 1.5 | 44.2 | 40.4 | 53.1 | 70.1 | 77.2 | 15.0 | 77.0 | 0.6 ... 1.6 | PVC21 | 243588 ◀ | 10 | 1.130 |
| 63s | M63 x 1.5 | 50.0 | 45.7 | 59.4 | 75.0 | 82.6 | 15.0 | 80.0 | 0.6 ... 1.6 | PVC23 | 243589 ◀ | 10 | 1.350 |
| 63 | M63 x 1.5 | 56.1 | 54.6 | 65.8 | 80.0 | 88.1 | 15.0 | 80.0 | 0.6 ... 1.6 | PVC25 | 243590 ◀ | 10 | 1.340 |
| 75s | M75 x 1.5 | 62.0 | 58.9 | 72.1 | 90.0 | 99.1 | 15.0 | 87.1 | 0.6 ... 1.6 | PVC28 | 243591 ◀ | 10 | 2.020 |
| 75 | M75 x 1.5 | 64.3 | 66.8 | 78.5 | 100.0 | 110.0 | 15.0 | 88.1 | 0.6 ... 1.6 | PVC30 | 243592 ◀ | 10 | 2.480 |

Note Other sizes and threads available on request.

| Technical Data | |
|---------------------------------|---|
| Explosion protection | |
| Global (IECEX) | |
| Gas and dust | IECEX SIR 13.0025 X Ex e IIC Gb Ex ta IIIC Da |
| Europe (ATEX) | |
| Gas and dust | SIRA 13 ATEX 1070 X Ⓢ II 2 G Ex e IIC Gb Ⓢ 1 D Ex ta IIIC Da |
| Restricted breathing | SIRA 13 ATEX 4076 X Ⓢ II 3 G Ex nR IIC Gc |
| Canada (cCSA) | |
| Gas and restricted breathing | 2367109 Ex e II Ex e nR II |
| USA (CSAus) | |
| Gas and restricted breathing | 2367109 Class I, Zone 1, AEx e II AEx e nR II |
| USA (UL) | |
| Gas | E265367 Class I, Zone 1, AEx e II |
| Certifications and certificates | |
| Certificates | IECEX, ATEX, EAC (TR), Canada (cCSA), USA (CSAus, UL) |
| Ship approval | DNV, LRS, ABS |
| Ambient temperature | -60 ... +130 °C |
| Degree of protection | IP66 IP67 & IP68 Mounting is necessary according to specifications of the manufacturer CMP |
| Material | |
| Cable gland | Brass nickel-plated (Other materials available on request) |
| Seal | SOLO LSF |
| Version | BS 6121, IEC/EN 62444 |

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