

# Barr-CZ

## 424NB series



**The Barr-CZ is a brass explosion proof gland suitable for metal clad cables which aids the control of migrating gases in hazardous and industrial areas.**

### Features and benefits:

- Fast, easy installation
- Large sealing range
- Space and weight savings
- Tested and approved to UL and CSA standards
- For Class I Div 2 applications



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**DERRICK**  
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**Thorne & Derrick**

+44 (0) 191 410 4292

[www.powerandcables.com](http://www.powerandcables.com)



## Technical Information:

- Suitable for MC armored cables – category CYMX
- Brass construction - bright autocatalytic nickel plated

### Connector listed as follows:

½" to 3 ½" CSA Class I Groups ABCD, Class II Groups EFG, Class III

½" and ¾" UL Class I (Div 2); groups ABCD, Class II (Div 2), Groups FG, Class III

1" and 3 ½" UL Class I (Div 2); groups CD, Class II (Div 2), Groups FG, Class III

- Compound forms barrier around individual cores, so preventing migration of gases through the centre of the cable
- For use in most climatic conditions, rated to IP66 for wet locations
- For use with explosion proof equipment in Zone 1 and 2 hazardous areas and for Class I, Div 2 applications
- Full installation instructions supplied

## Specifications

| Gland Reference  |                  | Cable Dimensions Accomodated |       |               |       | Gland Dimensions |                       |         |         | Weight |
|------------------|------------------|------------------------------|-------|---------------|-------|------------------|-----------------------|---------|---------|--------|
| Design Reference | Hub Size NPT (D) | Over Armor (A)               |       | Overall Ø (B) |       | Hub Length (E)   | Protrusion Length (F) | Hexagon |         | lbs    |
|                  |                  | Min.                         | Max.  | Min.          | Max.  |                  |                       | A/F (G) | A/C (H) |        |
| 424NB-02         | ½"               | 0.30"                        | 0.57" | 0.35"         | 0.63" | 0.85"            | 1.85"                 | 1.42"   | 1.57"   | 0.50   |
| 424NB-03         | ¾"               | 0.47"                        | 0.68" | 0.51"         | 0.76" | 0.86"            | 2.08"                 | 1.67"   | 1.89"   | 0.50   |
| 424NB-04         | 1"               | 0.63"                        | 0.94" | 0.67"         | 1.05" | 1.07"            | 2.08"                 | 1.86"   | 2.11"   | 0.75   |
| 424NB-05         | 1 ¼"             | 0.83"                        | 1.14" | 0.97"         | 1.30" | 1.10"            | 2.16"                 | 2.22"   | 2.42"   | 1.25   |
| 424NB-15         | 1 ½"             | 0.83"                        | 1.14" | 0.97"         | 1.30" | 1.11"            | 2.16"                 | 2.22"   | 2.42"   | 1.45   |
| 424NB-06         | 2"               | 1.02"                        | 1.54" | 1.14"         | 1.65" | 1.15"            | 2.32"                 | 2.76"   | 3.04"   | 1.75   |
| 424NB-07         | 2 ½"             | 1.48"                        | 2.00" | 1.61"         | 2.10" | 1.70"            | 2.24"                 | 3.15"   | 3.44"   | 2.25   |
| 424NB-08         | 3"               | 1.81"                        | 2.26" | 1.96"         | 2.44" | 1.76"            | 2.83"                 | 3.89"   | 4.30"   | 4.25   |
| 424NB-09         | 3 ½"             | 2.16"                        | 2.81" | 2.32"         | 2.94" | 1.81"            | 2.91"                 | 4.18"   | 4.50"   | 5.50   |

