

# HUBBELL

## Power Systems

### PRC 85 Series Bushing - 35kV

By PCORE Electric  
 Catalog # [B-85313-70](#)

PRC® 35kV-1200A Transformer-Circuit Breaker Bushing, Paper-Resin-Capacitor Type, Rated per CSA C88.1, Bottom Connected for Air-to-Oil Applications, 21.62" Min. Oil Immersion Level



\*Representative Image

#### Features

- Resin-impregnated paper wound core with external porcelain insulator
- High creep upper porcelain, High seismic

#### General

|                                 |                                 |
|---------------------------------|---------------------------------|
| Application                     | Transformer-Oil Circuit Breaker |
| Bottom Terminal Type            | Threaded                        |
| Color                           | Gray                            |
| Immersion Type - Above Flange   | Air                             |
| Immersion Type - Below Flange   | Oil                             |
| Material - Flange               | Aluminum                        |
| Material - Insulation           | Porcelain                       |
| Mounting Position               | Vertical                        |
| Number of Flange Mounting Holes | 4                               |
| Test Tap                        | Yes                             |
| Top Terminal Plating            | Silver Plated                   |
| Top Terminal Type               | Threaded                        |
| Type                            | Condenser Bushings              |

#### Dimensions

|   |          |
|---|----------|
| Above Flange Length                         | 22.38 in |
| Below Flange Length                         | 32.38 in |
| Diameter - Below Flange Maximum D <gt;/> 1" | 3.12 in  |
| Diameter - Below Flange Maximum P           | 3.38 in  |
| Diameter - Bottom Terminal Outside          | 1 1/2-12 |
| Diameter - Live Part Top                    | 3.88 in  |
| Diameter - Top Terminal Outside             | 1 1/2-12 |
| Effective Length - Bottom Terminal          | 2.12 in  |
| Effective Length - Top Terminal             | 2.50 in  |
| Flange Mounting Hole Bolt Circle            | 7.25 in  |
| Flange Mounting Hole Diameter               | 0.88 in  |
| Flange Outside Diameter                     | 8.5 in   |
| Length                                      | 54.75 in |
| Length - Ground Shield                      | 21.62 in |
| Length - Live Part Top                      | 4.06 in  |
| Length - Minimum Oil Immersion Level        | 21.62 in |
| Sealing Surface Outside Diameter            | 6.25 in  |
| Weight                                      | 65 lb    |

#### Electrical Ratings

|                         |                |
|-------------------------|----------------|
| BIL                     | 200 kV         |
| Current Rating          | 1200 A         |
| Minimum Creepage        | 41 in          |
| Minimum Strike kV Class | 17 in<br>35 kV |

#### Certifications And Compliance

|                      |     |
|----------------------|-----|
| Industry Standard(s) | CSA |
|----------------------|-----|

#### Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings](#)  
[Sales Drawings - PRC Bushing](#)



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PCOR-B8531370-SPEC-EN | REV 6/2024