

# HUBBELL Power Systems

## POC Series II Bushing - 115kV

By PCORE Electric  
Catalog # [POC550G0800S](#)

POC® 115kV-800A Transformer Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Draw-lead Connected for Air-to-Oil Applications, 23.00" Min. Oil Immersion Level



### Features

- Paper oil capacitor wound core with external porcelain insulator
- High creep upper porcelain, High seismic

### General

|                                 |                    |
|---------------------------------|--------------------|
| Application                     | Transformer        |
| 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 | 6                  |
| Test Tap                        | Yes                |
| Top Terminal Plating            | Silver Plated      |
| Top Terminal Type               | Threaded           |
| Type                            | Condenser Bushings |

### Dimensions

|  |                                  |
|--|----------------------------------|
| Above Flange Length                        | 57.88 in                         |
| Below Flange Length                        | 43 in                            |
| Diameter - Below Flange Maximum D <gt/> 1" | 7.38 in                          |
| Diameter - Below Flange Maximum P          | 7.38 in                          |
| Diameter - Live Part Top                   | 9.25 in                          |
| Diameter - Top Terminal Outside            | 1 1/2-12                         |
| Dimensions                                 | 100.88 in x 15.25 in x 100.88 in |
| Effective Length - Top Terminal            | 2.00 in                          |
| Flange Mounting Hole Bolt Circle           | 13.25 in                         |
| Flange Mounting Hole Diameter              | 1.25 in                          |
| Flange Outside Diameter                    | 15.25 in                         |
| Height                                     | 100.88 in                        |
| Length                                     | 100.88 in                        |
| Length - Drawlead Above Flange             | 53.62 in                         |
| Length - Ground Shield                     | 23.00 in                         |
| Length - Live Part Top                     | 8.06 in                          |
| Length - Minimum Oil Immersion Level       | 23.00 in                         |
| Sealing Surface Outside Diameter           | 11.88 in                         |
| Stud Inside Diameter                       | 1.62 in                          |
| Weight                                     | 305 lb                           |
| Width                                      | 15.25 in                         |

### Electrical Ratings

|                         |                   |
|-------------------------|-------------------|
| BIL                     | 550 kV            |
| Current Rating          | 800 A             |
| Minimum Creepage        | 100 in            |
| Minimum Strike kV Class | 45.5 in<br>115 kV |

## Certifications And Compliance

Industry Standard(s)

IEEE

## Product Assets

Catalogs - PCORE® Capacitance-Graded Bushings, Test  
Terminals and Services

Installation Manuals - Instruction Manual for POC® Bushings

Sales Drawings - Transformer- Breaker Interchangeable



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