

POC Series II Bushing - 230kV

By PCORE Electric
Catalog # POC900G3000S

POC® 230kV-3000A Transformer-Circuit Breaker Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 26.75" Min. Oil Immersion Level



*Representative Image

Features

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

Application

Transformer-Oil Circuit Breaker

General

| | |
|---------------------------------|--------------------|
| 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 | 12 |
| Test Tap | Yes |
| Top Terminal Plating | Silver Plated |
| Top Terminal Type | Threaded |
| Type | Condenser Bushings |

Dimensions

| | |
|--|----------------------------------|
| Above Flange Length | 89.81 in |
| Below Flange Length | 59.50 in |
| Diameter - Below Flange Maximum D <gt/> 1" | 10.12 in |
| Diameter - Below Flange Maximum P | 10.12 in |
| Diameter - Bottom Terminal Bolt Circle | 3.75 in & 6.75 in |
| Diameter - Bottom Terminal Bolt Holes | 3/8-16 & 1/2-13 |
| Diameter - Bottom Terminal Outside | 8.25 in |
| Diameter - Live Part Top | 10.50 in |
| Diameter - Top Terminal Outside | 2-12 |
| Dimensions | 149.31 in x 23.00 in x 149.31 in |
| Effective Length - Top Terminal | 3.00 in |
| Flange Mounting Hole Bolt Circle | 21.00 in |
| Flange Mounting Hole Diameter | 1.25 in |
| Flange Outside Diameter | 23.00 in |
| Height | 149.31 in |
| Length | 149.31 in |
| Length - Ground Shield | 26.75 in |
| Length - Live Part Top | 7.56 in |
| Length - Minimum Oil Immersion Level | 26.75 in |
| Sealing Surface Outside Diameter | 19.62 in |
| Weight | 800 lb |
| Width | 23.00 in |

Electrical Ratings

| | |
|-------------------------|--------------------|
| BIL | 900 kV |
| Current Rating | 3000 A |
| Minimum Creepage | 230 in |
| Minimum Strike kV Class | 78.00 in 230 kV |

Certifications and Compliance

| | |
|----------------------|------|
| Industry Standard(s) | IEEE |
|----------------------|------|

Product Assets

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Catalogs - PCORE® Capacitance-Graded Bushings, Test Terminals and Services (CA02038E)
Installation Manuals - Instruction Manual for POC® Bushings (B-53744)
Sales Drawings - Transformer- Breaker Interchangeable (POC900_3000S)

Related Products

B-63037-AF - Seismically Enhanced Test (SET) Terminal - 3000A



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