

## POC Series II Bushing - 500kV

By PCORE Electric  
Catalog # [POC1675G2000S](#)

POC® 500kV-2000A Transformer-Circuit Breaker Bushing, Paper-Oil-Capacitor Type, Rated per IEEE C57.19.01, Bottom 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

### 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	162.75 in
Below Flange Length	65.00 in
Diameter - Below Flange Maximum D <gt;/> 1"	16.75 in
Diameter - Below Flange Maximum P	17.38 in
Diameter - Bottom Terminal Bolt Circle	6.75 in
Diameter - Bottom Terminal Bolt Holes	1/2-13
Diameter - Bottom Terminal Outside	10.00 in
Diameter - Live Part Top	20.00 in
Diameter - Top Terminal Outside	1 1/2-12
Effective Length - Top Terminal	2.50 in
Flange Mounting Hole Bolt Circle	25.00 in
Flange Mounting Hole Diameter	1.25 in
Flange Outside Diameter	27.00 in
Length	227.75 in
Length - Ground Shield	23.00 in
Length - Live Part Top	20.56 in
Length - Minimum Oil Immersion Level	23.00 in
Sealing Surface Outside Diameter	23.62 in
Weight	2360 lb

### Electrical Ratings

BIL	1675 kV
Current Rating	2000 A
Minimum Creepage	526 in
Minimum Strike	135.00 in
kV Class	500 kV

### Certifications and Compliance

Industry Standard(s)	IEEE
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### Product Assets

[Installation Manuals - Instruction Manual for POC® Bushings \(B-53744\)](#)

[Sales Drawings - POC Bushing \(POC1675B2000S\)](#)

[Video - PCORE Electric 500kV Bushing Shake Table Test](#)

Video - PCORE Electric 500kV Bushing Shake Table Test  
(VIO2006E)  
Video - PCORE Electric 500kV Bushing Shake Table Test  
(VIO2008E0817)

### Related Products

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



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