

## PRC™ Oil-Free Series Bushing - 15kV

By PCORE Electric  
Catalog # [PRC110F3000C](#)

PRC® 15kV-3000A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 10.00" Min. Oil Immersion Level



\*Representative Image

### Application

Transformer-Oil Circuit Breaker

### General

Bottom Terminal Type	Threaded
Color	Gray
Immersion Type - Above Flange	Air
Immersion Type - Below Flange	Oil
Material - Flange	Aluminum
Material - Insulation	Porcelain
Mounting Position	Any
Number of Flange Mounting Holes	6
Number of Sheds	4
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

### Dimensions

Above Flange Length	16.25 in
Below Flange Length	18.00 in
Diameter - Above Flange Maximum	10.25 in
Diameter - Below Flange Maximum D <gt/> 1"	5.00 in
Diameter - Below Flange Maximum P	5.25 in
Diameter - Bottom Terminal Outside	3-12
Diameter - Live Part Top	6.75 in
Diameter - Top Terminal Outside	3-12
Effective Length - Bottom Terminal	3.00 in
Effective Length - Top Terminal	3.00 in
Flange Mounting Hole Bolt Circle	9.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Length	34.25 in
Length - Ground Shield	10.00 in

### Electrical Ratings

BIL	110 kV
Current Rating	3000 A
Minimum Creepage	20.5 in
Minimum Strike	9.00 in
kV Class	15 kV

### Certifications and Compliance

Industry Standard(s)	IEEE
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### Product Assets

[Installation Manuals - Instruction Manual for PRC® Bushings \(B-303339 rev 07-14-20\)](#)  
[Literature - Oil-Free PRC Bushings - PCORE \(SF02024E\)](#)  
[Sales Drawings - PRC Bushing Oil-Free \(PRC110\\_3000C\)](#)

### Related Products

[B-63037-AF - Seismically Enhanced Test \(SET\) Terminal - 3000A](#)

Length - Ground Shield	10.00 in
Length - Live Part Top	5.69 in
Length - Minimum Oil Immersion Level	10.00 in
Sealing Surface Outside Diameter	8.25 in
Thickness - Flange Plate	0.75 in
Weight	109 lb



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