

PRC™ Oil-Free Series Bushing -
34.5kV

By PCORE Electric
Catalog # [PRC200F2000B](#)

PRC® 34.5kV-2000A Transformer-Circuit Breaker Bushing, Oil-Free Paper-Resin-Capacitor Type, Rated per IEEE C57.19.01, Bottom Connected for Air-to-Oil Applications, 16.50" Min. Oil Immersion Level



Features

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

Application

Transformer-Oil Circuit Breaker

General

Bottom Terminal Type	Threaded
Catalog Number	PRC200F2000B
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	4
Number of Sheds	7
Test Tap	Yes
Top Terminal Plating	Silver Plated
Top Terminal Type	Threaded
Type	Condenser Bushings

Dimensions

Above Flange Length	22 in
Below Flange Length	26 in
Diameter - Above Flange Maximum	9.25 in
Diameter - Below Flange Maximum D <gt;/> 1"	4.00 in
Diameter - Below Flange Maximum P	4.50 in

Diameter - Bottom Terminal Outside	2-12
Diameter - Live Part Top	4.75 in
Diameter - Top Terminal Outside	2-12
Effective Length - Bottom Terminal	2.12 in
Effective Length - Top Terminal	2.12 in
Flange Mounting Hole Bolt Circle	7.25 in
Flange Mounting Hole Diameter	0.88 in
Flange Outside Diameter	10.62 in
Length	48 in
Length - Ground Shield	16.50 in
Length - Live Part Top	4.69 in
Length - Minimum Oil Immersion Level	16.50 in
Sealing Surface Outside Diameter	6.25 in
Thickness - Flange Plate	0.75 in
Weight	110 lb

Electrical Ratings

BIL	200 kV
Current Rating	2000 A
Minimum Creepage	37.5 in
Minimum Strike	16 in
kV Class	34.5 kV

Certifications And Compliance

Industry Standard(s)	IEEE
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Product Assets

- [Installation Manuals - Instruction Manual for PRC® Bushings](#)
- [Literature - Oil-Free PRC Bushings - PCORE](#)
- [Sales Drawings - PRC Bushing Oil-Free](#)
- [Specifications - PRC200F2000B](#)